QUARTERLY #7

VOLUME I

TN
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QUARTERLY REPORT #7
FIELD DATA
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I. SUMMARY

I. SUMMARY - SEE QUARTERLY REPORT #7

II. WATER RESOURCES

A. GROUND WATER

1. GROUND WATER QUALITY DATA

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, SALT LAKE CITY, UTAH

CLIENT CONFIDENTIAL

WATER QUALITY ANALYSIS
LAB ID # 82502 RECORD # 4645

•UNPUBLISHED RECORDS
SUBJECT TO REVISION

Recd 5/27/76 ENP

SAMPLE LOCATION: (D-10-24)20AAD- 1 P-20
STATION ID: 395617109134401 LAT.LONG.SEQ.: 395617 1091344 01
DATE OF COLLECTION: BEGIN--760317 END-- TIME--1252
COUNTY CODE: 047 PROJECT IDENTIFICATION: 4649113
DATA TYPE: 2 SOURCE: GROUND WATER GEOLOGIC UNIT:
COMMENTS:
3 EXTRA SAMPLE BOTTLES TAKEN. SEE VARIABLES ADD FOR ANALYSIS P-2
THIS SAMPLE WAS ALL MIXED UP, NO TOC

ALK.TOT (AS CACO3)	MG/L	545	NITR. NO3 AS NO3 DIS	MG/L	0.09
ALUMINUM DISSOLVED	UG/L	10	NITROGEN NH4 ASN DIS	MG/L	2.[illegible]
ARSENIC DISSOLVED	UG/L	0	NITROGEN NO2 ASN DIS	MG/L	0.00
BARIUM DISSOLVED	UG/L	0	NITROGEN NO3 ASN DIS	MG/L	0.12
BERYLLIUM DISSOLVED	UG/L	0	NITROGEN TOTKJD AS N	MG/L	3.4
BICARBONATE	MG/L	664	NO2+NO3 AS N DISS	MG/L	0.02
BORON DISSOLVED	UG/L	310	OIL AND GREASE	MG/L	1
BROMIDE	MG/L	0.3	PH FIELD		8.1
CADMIUM DISSOLVED	UG/L	0	PH LAB		8.[illegible]
CALCIUM DISS	MG/L	33	PHENOLS	UG/L	6
CARBON TOT ORGANIC	DETR. DELETED		PHOS ORTHO DIS AS P	MG/L	0.01
CARBON TOT.INORGANIC	DETR. DELETED		PHOSPHATE DIS ORTHO	MG/L	0.03
CARBONATE	MG/L	0	PHOSPHORUS TOT AS P	MG/L	0.12
CHLORIDE DISS	MG/L	54	POTASSIUM DISS	MG/L	1.4
CHROMIUM DISSOLVED	UG/L	0	RESIDUE DIS CALC SUM	MG/L	2400
COBALT DISSOLVED	UG/L	0	RESIDUE DIS TON/AFT		4.12
COD HI LEVEL	MG/L	14	RESIDUE DIS TON/DAY		147
COLOR		3	RESIDUE DIS 180C	MG/L	3030
COPPER DISSOLVED	UG/L	2	SAR		20
CYANIDE	MG/L	0.00	SELENIUM DISSOLVED	UG/L	0
FLUORIDE DISS	MG/L	0.5	SILICA DISSOLVED	MG/L	20
HARDNESS NONCARB	MG/L	0	SILVER DISSOLVED	UG/L	0
HARDNESS TOTAL	MG/L	340	SODIUM DISS	MG/L	550
IRON DISSOLVED	UG/L	40	SODIUM PERCENT		85
LEAD DISSOLVED	UG/L	1	SP. CONDUCTANCE FLD		3800
LITHIUM DISSOLVED	UG/L	350	SP. CONDUCTANCE LAB		4160
MAGNESIUM DISS	MG/L	61	STREAMFLOW(CFS)-INST		18
MANGANESE DISSOLVED	UG/L	30	STRONTIUM DISSOLVED	UG/L	5600
MERCURY DISSOLVED	UG/L	0.0	SULFATE DISS	MG/L	1600
MOLYBDENUM DISSOLVED	UG/L	29	SULFIDE DISSOLVED	MG/L	0.1
NICKEL DISSOLVED	UG/L	0	VANADIUM DISSOLVED	UG/L	0.4
NITR. NH4 AS NH4 DIS	MG/L	2.5	WATER TEMP (DEG C)		14.5
NITR. NO2 AS NO2 DIS	MG/L	0.00	ZINC DISSOLVED	UG/L	20

CONTINUED ON NEXT PAGE

UNPUBLISHED RECORDS
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                        WATER QUALITY ANALYSIS CONTINUED
                        LAB ID #  82502 RECORD #  4645

SAMPLE LOCATION:  (D-10-24)20AAD-  1 P-20
STATION ID: 395617109134401     LAT.LONG.SEQ.: 395617 109134 01
DATE OF COLLECTION: BEGIN--760317  END--          TIME--1252


                   CATIONS                                          ANIONS

                     (MG/L)          (MEQ/L)                         (MG/L)          (ME./L)
CALCIUM DISS          33               1.647 BICARBONATE              564             10.8
MAGNESIUM DISS        61               5.012 CARBONATE                  0              0.00
POTASSIUM DISS         1.9             0.049 CHLORIDE DISS             54              1.52
SODIUM DISS          850              36.975 FLUORIDE DISS              0.6            0.03
                                             SULFATE DISS            1600             33.31
                                             NO2+NO3 AS N D             0.02           0.00
                                 ---------                                          ---------
                           TOTAL    43.683                            TOTAL           45.751

                            PERCENT DIFFERENCE =    -2.31
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        QUALITY CONTROL INFORMATION FOR LAB ID #  82502 RECORD #  4645

**THE FOLLOWING PARAMETER MAY CONTRIBUTE TO CATION SUM--LI DISS                   VALUE =     350.000
**THE FOLLOWING PARAMETER MAY CONTRIBUTE TO CATION SUM--SR DISS                   VALUE =    5600.000
**BOTH FLD & LAB CONDUCTANCES SUBMITTED - ONLY FIELD VALUE IS STORED IN GW FILE VALUE =    3800.000
*BOTH FIELD & LAB CONDUCTANCES SUBMITTED AND DIFFER BY > 5 %                     VALUE =       8.653
*THE PERCENT DIFFERENCE COMPUTED FOR THE ANALYSIS DOES NOT AGREE WITH THE CURVE VALUE =       1.995
ARBON TOT ORGANIC    WAS DELETED BECAUSE: IMPROPER SAMPLE.
ARBON TOT.INORGANIC WAS DELETED BECAUSE: IMPROPER SAMPLE.

** THIS ANALYSIS HAS PREVIOUSLY BEEN APPROVED AND TRANSMITTED BUT THESE PARAMETERS HAVE BEEN UPDATED SINCE
          LAB ID #  82502  RECORD #  4645 (ASSOCIATED CALCULATIONS HAVE ALSO BEEN UPDATED)

ODE   PARAMETER NAME          CODE   PARAMETER NAME          CODE   PARAMETER NAME          CODE   PARAMETER
 68   PH LAB
 69   SP. CONDUCTANCE LAB
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SUBJECT TO REVISION

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                 UNITED STATES DEPARTMENT OF THE INTERIOR
                            GEOLOGICAL SURVEY
                 CENTRAL LABORATORY, SALT LAKE CITY, UTAH

                          WATER QUALITY ANALYSIS
                     LAB ID #  84501 RECORD #  4872
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UNPUBLISHED RECORDS
SUBJECT TO REVISION

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SAMPLE LOCATION:  (D-10-24)13CCC-  1 G-10
STATION ID: 395635109101501     LAT.LONG.SEQ.: 395635 1091015 01
DATE OF COLLECTION: BEGIN--760321  END--          TIME--1030
COUNTY CODE: 047   PROJECT IDENTIFICATION: 4649113
DATA TYPE: 2  SOURCE: GROUND WATER        GEOLOGIC UNIT:
COMMENTS:
   3 EXTRA SAMPLE BOTTLES TAKEN, SEE VARIABLES ADD FOR ANALYSIS, G-10


ALK,TOT (AS CACO3)    MG/L       480      NITR. NO3 AS NO3 DIS MG/L         1.2
ALUMINUM DISSOLVED    UG/L        10      NITROGEN NH4 AS N DIS MG/L        0.00
ARSENIC DISSOLVED     UG/L         5      NITROGEN NO2 AS N DIS MG/L        0.01
BARIUM DISSOLVED      UG/L         0      NITROGEN NO3 AS N DIS MG/L        0.27
BERYLLIUM DISSOLVED   UG/L        10      NITROGEN TOTKJD AS N MG/L         4.[illegible]
BICARBONATE           MG/L       585      NO2+NO3 AS N DISS    MG/L         0.28
BORON DISSOLVED       UG/L      3300      OIL AND GREASE       MG/L         0.[illegible]
BROMIDE               MG/L         0.5    PH FIELD                          8.[illegible]
CADMIUM DISSOLVED     UG/L         0      PH LAB                            7.[illegible]
CALCIUM DISS          MG/L       200      PHENOLS              UG/L         4
CARBON TOT ORGANIC    MG/L        11      PHOS ORTHO DIS AS P  MG/L         0.01
CARBON TOT.INORGANIC  MG/L       132      PHOSPHATE DIS ORTHO  MG/L         0.03
CARBONATE             MG/L         0      PHOSPHORUS TOT AS P  MG/L         0.12
CHLORIDE DISS         MG/L        65      POTASSIUM DISS       MG/L         9.1
CHROMIUM DISSOLVED    UG/L        10      RESIDUE DIS CALC SUM MG/L      4170
COBALT DISSOLVED      UG/L         3      RESIDUE DIS TON/AFT               6.27
COD HI LEVEL          MG/L        38      RESIDUE DIS TON/DAY              99.[illegible]
COLOR                              0      RESIDUE DIS 180C     MG/L      4610
COPPER DISSOLVED      UG/L         7      SAR                              11
CYANIDE               MG/L         0.00   SELENIUM DISSOLVED   UG/L         5
FLUORIDE DISS         MG/L         0.9    SILICA DISSOLVED     MG/L        11
HARDNESS NONCARB      MG/L       770      SILVER DISSOLVED     UG/L         0
HARDNESS TOTAL        MG/L      1200      SODIUM DISS          MG/L       900
IRON DISSOLVED        UG/L       190      SODIUM PERCENT                   61
LEAD DISSOLVED        UG/L         0      SP. CONDUCTANCE FLD             5100
LITHIUM DISSOLVED     UG/L       170      SP. CONDUCTANCE LAB             5190
MAGNESIUM DISS        MG/L       180      STREAMFLOW(CFS)-INST              8.0   gpm?
MANGANESE DISSOLVED   UG/L        20      STRONTIUM DISSOLVED  UG/L      4400
MERCURY DISSOLVED     UG/L         0.1    SULFATE DISS         MG/L      2500
MOLYBDENUM DISSOLVED  UG/L        48      SULFIDE DISSOLVED    MG/L         0.5
NICKEL DISSOLVED      UG/L         5      VANADIUM DISSOLVED   UG/L         1.4
NITR. NH4 AS NH4 DIS  MG/L         0.00   WATER TEMP (DEG C)               15.5
NITR. NO2 AS NO2 DIS  MG/L         0.03   ZINC DISSOLVED       UG/L       260
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UNPUBLISHED RECORDS
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                    WATER QUALITY ANALYSIS CONTINUED
                    LAB ID #  84501 RECORD #  4872

SAMPLE LOCATION:  (D-10-24)13CCC-  1 6-10
STATION ID: 395635109101501     LAT.LONG.SEQ.: 395635 1091015 01
DATE OF COLLECTION: BEGIN--760321  END--          TIME--1030


               CATIONS                                            ANIONS

                 (MG/L)          (MEQ/L)                          (MG/L)        (MEQ/L)
CALCIUM DISS     200              9.980 BICARBONATE                585           9.589
MAGNESIUM DISS   180             14.807 CARBONATE                    0           0.000
POTASSIUM DISS     9.1            0.233 CHLORIDE DISS               65           1.834
SODIUM DISS      900             39.150 FLUORIDE DISS                0.9         0.048
                                        SULFATE DISS              2500          52.050
                                        NO2+NO3 AS N D               0.28        0.020
                              ---------                                      ---------
                     TOTAL       64.169                          TOTAL          63.539


                       PERCENT DIFFERENCE =      0.49
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UNPUBLISHED RECORDS
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        QUALITY CONTROL INFORMATION FOR LAB ID #  84501 RECORD #  4872

**THE FOLLOWING PARAMETER MAY CONTRIBUTE TO CATION SUM--SP DISS                     VALUE =   4400.000
**BOTH FLD & LAB CONDUCTANCES SUBMITTED - ONLY FIELD VALUE IS STORED IN QW FILE VALUE =   5100.000
*THE ROE (LC 27)  /CONDUCTANCE RATIO IS EITHER BELOW 0.55 OR ABOVE 0.86---RATIO VALUE =      0.888

** THIS ANALYSIS HAS PREVIOUSLY BEEN APPROVED AND TRANSMITTED BUT THESE PARAMETERS HAVE BEEN UPDATED SINCE
          LAB ID #  84501  RECORD #  4872 (ASSOCIATED CALCULATIONS HAVE ALSO BEEN UPDATED)

ODE   PARAMETER NAME          CODE   PARAMETER NAME          CODE   PARAMETER NAME          CODE   PARAMETER
 68   PH LAB
 69   SP. CONDUCTANCE LAB
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                    UNITED STATES DEPARTMENT OF THE INTERIOR
                               GEOLOGICAL SURVEY
                     CENTRAL LABORATORY, DENVER, COLORADO

                            WATER QUALITY ANALYSIS
                     LAB ID #  85017 RECORD #  5228

SAMPLE LOCATION:  (D-10-24)20AAD-  1 P-2U
STATION ID: 395617109134401    LAT.LONG.SEQ.: 395617 1091344 01
DATE OF COLLECTION: BEGIN--760317  END--          TIME--1254
COUNTY CODE: 047   PROJECT IDENTIFICATION: 4649113
DATA TYPE: 2  SOURCE: GROUND WATER          GEOLOGIC UNIT:
COMMENTS:
   DAN FINN 125 S STATE   RM 8002 SLC UT           VTM CO
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UNPUBLISHED RECORDS
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Spec. Analysis

```
ALUMINUM DISSOLVED     UG/L        70      MANGANESE DISSOLVED   UG/L <     40
BARIUM DISSOLVED       UG/L <      10      MOLYBDENUM DISSOLVED  UG/L       70
BERYLLIUM DISSOLVED    UG/L <      10      NICKEL DISSOLVED      UG/L <     45
BISMUTH DISSOLVED      UG/L <      65      EH FIELD                         8.1
BORON DISSOLVED        UG/L       260      SILVER DISSOLVED      UG/L <      5
CADMIUM DISSOLVED      UG/L         0      SP. CONDUCTANCE FLD            3800
CHROMIUM DISSOLVED     UG/L <      45      STREAMFLOW(CFS)-INST             18
COBALT DISSOLVED       UG/L <      45      STRONTIUM DISSOLVED   UG/L     4500
COPPER DISSOLVED       UG/L         5      TIN DISSOLVED         UG/L <     45
GALLIUM DISSOLVED      UG/L <      20      TITANIUM DISSOLVED    UG/L <     30
GERMANIUM DISSOLVED    UG/L <      50      VANADIUM DISSOLVED    UG/L <     30
IRON DISSOLVED         UG/L        51      WATER TEMP (DEG C)               14.8
LEAD DISSOLVED         UG/L <      45      ZINC DISSOLVED        UG/L       10
LITHIUM DISSOLVED      UG/L       350      ZIRCONIUM DISSOLVED   UG/L <     70
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                    UNITED STATES DEPARTMENT OF THE INTERIOR
                              GEOLOGICAL SURVEY
                    CENTRAL LABORATORY, DENVER, COLORADO

                          WATER QUALITY ANALYSIS
                   LAB ID #  85019 RECORD #  5232
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UNPUBLISHED RECORDS
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SAMPLE LOCATION:  (D-10-24)26CDC-  2  P-3
STATION ID: 395453109111001     LAT.LONG.SEQ.: 395453 1091110 01
DATE OF COLLECTION: BEGIN--760317  END--          TIME--1602
COUNTY CODE: 047   PROJECT IDENTIFICATION: 4649113
DATA TYPE: 2  SOURCE: GROUND WATER          GEOLOGIC UNIT:
COMMENTS:
   DAN FINN 125 S STATE   RM 8002 SLC UT          VTN CO
```

Spec. Analysis

```
ALUMINUM DISSOLVED     UG/L        130     MANGANESE DISSOLVED   UG/L  <     50
BARIUM DISSOLVED       UG/L         20     MOLYBDENUM DISSOLVED  UG/L       100
BERYLLIUM DISSOLVED    UG/L  <      10     NICKEL DISSOLVED      UG/L  <     55
BISMUTH DISSOLVED      UG/L  <      80     PH FIELD                          9.
BORON DISSOLVED        UG/L      25000     SILVER DISSOLVED      UG/L  <      6
CADMIUM DISSOLVED      UG/L          1     SP. CONDUCTANCE FLD             5300
CHROMIUM DISSOLVED     UG/L  <      55     STREAMFLOW(CFS)-INST              4.
COBALT DISSOLVED       UG/L  <      55     STRONTIUM DISSOLVED   UG/L       350
COPPER DISSOLVED       UG/L         20     TIN DISSOLVED         UG/L  <     55
GALLIUM DISSOLVED      UG/L  <      30     TITANIUM DISSOLVED    UG/L  <     40
GERMANIUM DISSOLVED    UG/L  <      60     VANADIUM DISSOLVED    UG/L  <     35
IRON DISSOLVED         UG/L        100     WATER TEMP (DEG C)              15.6
LEAD DISSOLVED         UG/L  <      55     ZINC DISSOLVED        UG/L        20
LITHIUM DISSOLVED      UG/L        610     ZIRCONIUM DISSOLVED   UG/L  <     80
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                 UNITED STATES DEPARTMENT OF THE INTERIOR
                           GEOLOGICAL SURVEY
                   CENTRAL LABORATORY, DENVER, COLORADO

                        WATER QUALITY ANALYSIS
                  LAB ID #  82009 RECORD #  7600
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UNPUBLISHED RECORDS
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SAMPLE LOCATION:  (D-10-24)13CCC-  1 G-10
STATION ID: 395635109101501     LAT.LONG.SEQ.: 395635 1091015 01
DATE OF COLLECTION: BEGIN--760321  END--          TIME--1031
COUNTY CODE: 047   PROJECT IDENTIFICATION: 4649113
DATA TYPE: 2  SOURCE: GROUND WATER          GEOLOGIC UNIT:
COMMENTS:
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Spec Analysis

```
ALUMINUM DISSOLVED      UG/L          50     MANGANESE DISSOLVED  UG/L  <      60
BARIUM DISSOLVED        UG/L  <       20     MOLYBDENUM DISSOLVED UG/L        150
BERYLLIUM DISSOLVED     UG/L  <       20     NICKEL DISSOLVED     UG/L  <      80
BISMUTH DISSOLVED       UG/L  <      100     PH FIELD                         6.0
BORON DISSOLVED         UG/L        3000     SILVER DISSOLVED     UG/L  <       4
CADMIUM DISSOLVED       UG/L           6     SP. CONDUCTANCE FLD             5100
CHROMIUM DISSOLVED      UG/L  <       80     STREAMFLOW (CFS)-INST            8.0
COBALT DISSOLVED        UG/L  <       40     STRONTIUM DISSOLVED  UG/L       5000
COPPER DISSOLVED        UG/L          10     TIN DISSOLVED        UG/L  <      80
GALLIUM DISSOLVED       UG/L  <       30     TITANIUM DISSOLVED   UG/L  <      50
GERMANIUM DISSOLVED     UG/L  <       80     VANADIUM DISSOLVED   UG/L  <      50
IRON DISSOLVED          UG/L         100     WATER TEMP (DEG C)                15.3
LEAD DISSOLVED          UG/L  <       70     ZINC DISSOLVED       UG/L        240
LITHIUM DISSOLVED       UG/L         160     ZIRCONIUM DISSOLVED  UG/L  <     100
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                     UNITED STATES DEPARTMENT OF THE INTERIOR
                                GEOLOGICAL SURVEY
                     CENTRAL LABORATORY, DENVER, COLORADO

                            WATER QUALITY ANALYSIS
                       LAB ID #  92010 RECORD #  7002

SAMPLE LOCATION:  (D-11-25)21CCA-  25-16A
STATION ID: 395035109074002    LAT.LONG.SEQ.: 395035 1090740 02
DATE OF COLLECTION: BEGIN--760321  END--           TIME--1252
COUNTY CODE: 047   PROJECT IDENTIFICATION: 4649113
DATA TYPE: 2  SOURCE: GROUND WATER         GEOLOGIC UNIT:
COMMENTS:
   FLOWING WELL.


ALUMINUM DISSOLVED     UG/L          10      MANGANESE DISSOLVED  UG/L  <     20
BARIUM DISSOLVED       UG/L          40      MOLYBDENUM DISSOLVED UG/L        10
BERYLLIUM DISSOLVED    UG/L  <        4      NICKEL DISSOLVED     UG/L  <     20
BISMUTH DISSOLVED      UG/L  <       25      PH FIELD                          9.
BORON DISSOLVED        UG/L         250      SILVER DISSOLVED     UG/L  <      2
CADMIUM DISSOLVED      UG/L           0      SP. CONDUCTANCE FLD             1350
CHROMIUM DISSOLVED     UG/L  <       20      STREAMFLO.(CFS)-INST              1.3
COBALT DISSOLVED       UG/L  <       20      STRONTIUM DISSOLVED  UG/L        60
COPPER DISSOLVED       UG/L           6      TIN DISSOLVED        UG/L  <     20
GALLIUM DISSOLVED      UG/L  <        6      TITANIUM DISSOLVED   UG/L  <     10
GERMANIUM DISSOLVED    UG/L  <       20      VANADIUM DISSOLVED   UG/L  <     10
IRON DISSOLVED         UG/L  <       20      WATER TEMP (DEG C)               12.4
LEAD DISSOLVED         UG/L  <       20      ZINC DISSOLVED       UG/L         0
LITHIUM DISSOLVED      UG/L         100      ZIRCONIUM DISSOLVED  UG/L  <     30
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                 UNITED STATES DEPARTMENT OF THE INTERIOR
                            GEOLOGICAL SURVEY
                 CENTRAL LABORATORY, SALT LAKE CITY, UTAH

                         WATER QUALITY ANALYSIS
                    LAB ID #  84502 RECORD #  4875     UNPUBLISHED RECORDS
                                                       SUBJECT TO REVISION

SAMPLE LOCATION:  (D-11-25)21CCA-  2G-16A
STATION ID: 395035109074002    LAT.LONG.SEQ.: 395035 1090740 02
DATE OF COLLECTION: BEGIN--760321  END--          TIME--1251
COUNTY CODE: 047   PROJECT IDENTIFICATION: 4649113
DATA TYPE: 2  SOURCE: GROUND WATER        GEOLOGIC UNIT:
COMMENTS:
   3 EXTRA SAMPLE BOTTLES TAKEN, SEE VARIABLES ADD FOR ANALYSIS, G-16A
   FLOWING WELL


ALK,TOT (AS CACO3)    MG/L      767     NITR. NO3 AS NO3 DIS MG/L      0.00
ALUMINUM DISSOLVED    UG/L       10     NITROGEN NH4 ASN DIS MG/L      0.65
ARSENIC DISSOLVED     UG/L        0     NITROGEN NO2 ASN DIS MG/L      0.00
BARIUM DISSOLVED      UG/L        0     NITROGEN NO3 ASN DIS MG/L      0.00
BERYLLIUM DISSOLVED   UG/L        0     NITROGEN TOTKJD AS N MG/L      2.0
BICARBONATE           MG/L      685     NO2+NO3 AS N DISS    MG/L      0.00
BORON DISSOLVED       UG/L      390     OIL AND GREASE       MG/L      2
BROMIDE               MG/L        0.1   PH FIELD                       9.0
CADMIUM DISSOLVED     UG/L        0     PH LAB                         9.4
CALCIUM DISS          MG/L        0.9   PHENOLS              UG/L      3
CARBON TOT ORGANIC    MG/L        4.6   PHOS ORTHO DIS AS P  MG/L      0.09
CARBON TOT.INORGANIC  MG/L      176     PHOSPHATE DIS ORTHO  MG/L      0.28
CARBONATE             MG/L      123     PHOSPHORUS TOT AS P  MG/L      0.11
CHLORIDE DISS         MG/L        6.6   POTASSIUM DISS       MG/L      0.6
CHROMIUM DISSOLVED    UG/L       10     RESIDUE DIS CALC SUM MG/L    826
COBALT DISSOLVED      UG/L        0     RESIDUE DIS TON/AFT            1.16
COD HI LEVEL          MG/L       10     RESIDUE DIS TON/DAY            2.98
COLOR                             1     RESIDUE DIS 180C     MG/L    850
COPPER DISSOLVED      UG/L        1     SAR                           44
CYANIDE               MG/L        0.00  SELENIUM DISSOLVED   UG/L      0
FLUORIDE DISS         MG/L        0.9   SILICA DISSOLVED     MG/L      8.2
HARDNESS NONCARB      MG/L        0     SILVER DISSOLVED     UG/L      0
HARDNESS TOTAL        MG/L       11     SODIUM DISS          MG/L    340
IRON DISSOLVED        UG/L       30     SODIUM PERCENT                98
LEAD DISSOLVED        UG/L        0     SP. CONDUCTANCE FLD         1350
LITHIUM DISSOLVED     UG/L      120     SP. CONDUCTANCE LAB         1400
MAGNESIUM DISS        MG/L        2.2   STREAMFLOW(CFS)-INST           1.3
MANGANESE DISSOLVED   UG/L       10     STRONTIUM DISSOLVED  UG/L     70
MERCURY DISSOLVED     UG/L        0.0   SULFATE DISS         MG/L      4.2
MOLYBDENUM DISSOLVED  UG/L        0     SULFIDE DISSOLVED    MG/L      0.0
NICKEL DISSOLVED      UG/L        0     VANADIUM DISSOLVED   UG/L      0.0
NITR. NH4 AS NH4 DIS  MG/L        0.84  WATER TEMP (DEG C)            12.4
NITR. NO2 AS NO2 DIS  MG/L        0.00  ZINC DISSOLVED       UG/L     10


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UNPUBLISHED RECORDS
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                         WATER QUALITY ANALYSIS CONTINUED
                         LAB ID #  84502 RECORD #  4875

SAMPLE LOCATION:  (D-11-25)21CCA-  2G-16A
STATION ID: 395035109074002    LAT.LONG.SEQ.: 395035 1090740 02
DATE OF COLLECTION: BEGIN--760321  END--        TIME--1251


                    CATIONS                                    ANIONS

                       (MG/L)          (MEQ/L)                     (MG/L)          (MEQ/L)
CALCIUM DISS             0.9             0.045 BICARBONATE         685              11.228
MAGNESIUM DISS           2.2             0.181 CARBONATE           123               4.100
POTASSIUM DISS           0.6             0.016 CHLORIDE DISS         6.6             0.187
SODIUM DISS            340              14.790 FLUORIDE DISS         0.9             0.048
                                               SULFATE DISS          4.2             0.088
                                               NO2+NO3 AS N D        0.00            0.000
                                   -------                                         -------
                             TOTAL  15.031                             TOTAL        15.648

                               PERCENT DIFFERENCE =   -2.01
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Ford Chemical
LABORATORY
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

CEIVED
APR 19 1976
VTN COLORADO, INC.

VTN CONFIDENTIAL

CLIENT CONFIDENTIAL

Date: April 15, 1976

Name VTN Engineers

Address 2600 South Parker Road
Denver, CO 80232

CERTIFICATE OF ANALYSIS
76-2732

Sample: Water received on March 18, 1976 labeled Ground Water, Deep Wells dated March 17, 1976:

	P-3	P-2 Lower	P-2 Upper
Alkalinity as CaCO3 mg/l	978.0	558.0	568.0
Aluminum as Al (Dissolved) ug/l	0.0	0.0	0.0
Ammonia as NH3-N (Dissolved) mg/l	8.05	0.78	2.85
Antimony as Sb (Dissolved) ug/l	0.0	0.0	0.0
Arsenic as As (Dissolved) ug/l	73	56	109
Bicarbonate as HCO3 mg/l	1,080	563.6	692.9
Carbonate as CO3 mg/l	55.2	57.6	0.0
Boron as B (Dissolved) ug/l	1,200	0.0	0.0
Bio-Chemical Oxygen Demand mg/l			
Bismuth as Bi (Dissolved) ug/l	<10	<10	<10
Calcium as Ca (Dissolved) mg/l	8.8	8.6	36.8
Chloride as Cl (Dissolved) mg/l	90.0	30.0	52.0
Total Dissolved Solids at 180° C. mg/l			
Fluoride as F (Dissolved) mg/l	12.75	1.28	1.16
Iron as Fe (Dissolved) ug/l	189	152	1,560
Magnesium as Mg (Dissolved) mg/l	1.44	19.68	56.16
Manganese as Mn (Dissolved) ug/l	41	44	63
Kjeldahl Nitrogen mg/l	8.50	0.30	1.26
Nitrate as NO3-N (Dissolved) mg/l +NO2-N	0.25	0.10	0.15
Phosphorus as P mg/l DISSOLVED	0.20	0.40	0.25
Cobalt as Co Dissolved Mg/l	28	5	30

	P-3	P-2 Lower	P-2 Upper
Phosphorus (Ortho) as P mg/l DISSOLVED	0.17	0.28	0.09
Phosphate Ortho (Dissolved) as PO4-P mg/l			
Potassium as K (Dissolved) mg/l	2.12	1.35	3.38
Silica as SiO2 (Dissolved) mg/l	22.0	15.0	23.0
Sodium as Na (Dissolved) mg/l	900.0	510.0	1,200
Sulfate as SO4 (Dissolved) mg/l	850.0	588.0	2,150
Strontium as Sr (Dissolved) ug/l	31	33	217
Phenol ug/l	11.0	0.0	0.0
Total Hardness as CaCO3 mg/l			
Non-Carbonate Hardness as CaCO3 mg/l			
Cyanide as CN mg/l	30.0	0.0	0.0
Organic Carbon (Dissolved) mg/l	140	42	45
Organic Carbon Suspended mg/l			
Barium as Ba (Dissolved) ug/l	40	5	31
Beryllium as Be (Dissolved) ug/l	0.0	0.0	0.0
Bromide as Br mg/l	0.1	0.0	0.1
Cadmium as Cd (Dissolved) ug/l	0.0	0.0	2
Chromium as Cr ~~(Dissolved)~~ ug/l TOTAL	0.0	0.0	52
Copper as Cu (Dissolved) ug/l	10	7	31
Chemical Oxygen Demand mg/l	60.0	18.0	14.0
Germanium as Ge (Dissolved) ug/l	15	32	17
Gallium as Ga (Dissolved) ug/l	0.0	0.0	0.0
Lead as Pb (Dissolved) ug/l	41	12	46
Lithium as Li (Dissolved) ug/l	419	129	176
Surfactants as MBAS mg/l			
Molybdenum as Mo (Dissolved) ug/l	39	0.0	63
Mercury as Hg (Dissolved) ug/l	0.0	0.0	0.0
Nickel as Ni (Dissolved) ug/l	87	38	52
in as Sn Dissolved Ug/l	158	649	341

	P-3	P-2 Lower	P-2 Upper
Oil and Grease mg/l	0.0	0.0	0.0
Selenium as Se (Dissolved) ug/l	610	350	13
Silver as Ag (Dissolved) ug/l	4	0.0	0.0
Sulfide as S (Dissolved) mg/l	0.0	2.5	0.0
Titanium as Ti (Dissolved) ug/l	0.0	0.0	0.0
Vanadium as V (Dissolved) ug/l	0.0	0.0	0.0
Zinc as Zn (Dissolved) ug/l	15	11	33
Zirconium as Zr (Dissolved) ug/l	0.0	0.0	0.0
Gross Alpha pc/l	1.0	0.0	0.0
Gross Beta pc/l	3.0	0.0	0.0
Total Coliform MPN/100 ml			
Fecal Coliform MPN/100 ml			
Fecal Streptococcus MPN/100 ml			
Aldrin ug/l			
Lindane ug/l			
Chlordane ug/l			
DDD ug/l			
DDE ug/l			
DDT ug/l			
Dieldrin ug/l			
Endrin ug/l			
Toxaphene ug/l			
Heptachlor ug/l			
Heptachlor Epoxide ug/l			
PCB ug/l			
2-4-D ug/l			
2-4-5-T ug/l			
Silvex ug/l			

Cesium as XXX Cs Dissolved Ug/l 0.0 0.0 0.0 0.0

Syl Ford

FORD CHEMICAL LABORATORY, INC

Ford Chemical
LABORATORY
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

RECEIVED
APR 19 1976
VTN COLORADO, INC.

VTN CONFIDENTIAL

CLIENT CONFIDENTIAL

Date: April 15, 1976

Name VTN Engineers
Address 2600 South Parker Road
Denver, CO 80232

CERTIFICATE OF ANALYSIS
76-2734

Sample: Water received on March 22, 1976 labèled Ground Water, Deep Weels dated March 21, 1976:

	G10	G-16	G-16A		
Alkalinity as CaCO3 mg/l	484.0	594.0	722.0		
Aluminum as Al (Dissolved) ug/l	0.0	0.0	36		
Ammonia as NH3-N (Dissolved) mg/l	0.71	1.96	1.50		
Antimony as Sb (Dissolved) ug/l	0.0	0.0	0.0		
Arsenic as As (Dissolved) ug/l	227	137	12		
Bicarbonate as HCO3 mg/l	590.4	724.6	700.2		
Carbonate as CO3 mg/l	0.0	0.0	88.80		
Boron as B (Dissolved) ug/l	1,300	2,100	15		
Bio-Chemical Oxygen Demand mg/l					
Bismuth as Bi (Dissolved) ug/l	0.0	0.0	0.0		
Calcium as Ca (Dissolved) mg/l	200.0	112.0	2.40		
Chloride as Cl (Dissolved) mg/l	60.0	188.0	6.0		
Total Dissolved Solids at 180° C. mg/l					
Fluoride as F (Dissolved) mg/l	1.68	9.50	1.09		
Iron as Fe (Dissolved) ug/l	226	337	205		
Magnesium as Mg (Dissolved) mg/l	187.2	106.0	0.96		
Manganese as Mn (Dissolved) ug/l	30	33	10		
Kjeldahl Nitrogen mg/l	1.20	2.75	2.10		
Nitrate as NO3-N (Dissolved) mg/l+NO2-N	0.42	0.78	0.60		
Phosphorus XXXXXXX as P mg/l Dissolved	0.30	0.35	0.10		
Tin as Sn Dissolved Ug/l	0.0	1,180	5,100		

	G-10	G-16	G-16A		
Phosphorus (Ortho) as P mg/l	0.28	0.30	0.10		
Phosphate Ortho (Dissolved) as PO4-P mg/l					
Potassium as K (Dissolved) mg/l	7.87	2.47	0.55		
Silica as SiO2 (Dissolved) mg/l	13.0	20.0	12.0		
Sodium as Na (Dissolved) mg/l	1,090	1,040	355.0		
Sulfate as SO4 (Dissolved) mg/l	2,960	2,040	46.0		
Strontium as Sr (Dissolved) ug/l	285	179	0.0		
Phenol ug/l	7.0	0.0	0.0		
Total Hardness as CaCO3 mg/l					
Non-Carbonate Hardness as CaCO3 mg/l					
Cyanide as CN mg/l	0.0	200.0	0.0		
Organic Carbon (Dissolved) mg/l	16.0	52.0	24.0		
Organic Carbon Suspended mg/l					
Barium as Ba (Dissolved) ug/l	26	52	60		
Beryllium as Be (Dissolved) ug/l	0.0	0.0	0.0		
Bromide as Br mg/l	0.3	0.5	0.0		
Cadmium as Cd (Dissolved) ug/l	0.0	0.0	0.0		
Chromium as Cr ~~(Dissolved)~~ ug/l TOTAL	0.0	0.0	0.0		
Copper as Cu (Dissolved) ug/l	16	24	4		
Chemical Oxygen Demand mg/l	24.0	198.0	10.0		
Germanium as Ge (Dissolved) ug/l	20	0.0	0.0		
Gallium as Ga (Dissolved) ug/l	0.0	0.0	0.0		
Lead as Pb (Dissolved) ug/l	63	51	12		
Lithium as Li (Dissolved) ug/l	59	428	36		
Surfactants as MBAS mg/l					
Molybdenum as Mo (Dissolved) ug/l	76	0.0	0.0		
Mercury as Hg (Dissolved) ug/l	0.0	0.0	0.0		
Nickel as Ni (Dissolved) ug/l	49	16	13		
Cobalt as Co Dissolved Ug/l	~~[illegible]~~ 19	10	0.0		

	G-10	G-16	G-16A		
Oil and Grease mg/l	0.0	0.0	0.0		
Selenium as Se (Dissolved) ug/l	247	653	410		
Silver as Ag (Dissolved) ug/l	0.0	0.0	0.0		
Sulfide as S (Dissolved) mg/l	1.5	1.0	<1.0		
Titanium as Ti (Dissolved) ug/l	0.0	0.0	0.0		
Vanadium as V (Dissolved) ug/l	0.0	0.0	0.0		
Zinc as Zn (Dissolved) ug/l	28	87	540		
Zirconium as Zr (Dissolved) ug/l	0.0	0.0	0.0		
Gross Alpha pc/l	0.0	0.0	0.0		
Gross Beta pc/l	0.0	0.0	0.0		
Total Coliform MPN/100 ml					
Fecal Coliform MPN/100 ml					
Fecal Streptococcus MPN/100 ml					
Aldrin ug/l					
Lindane ug/l					
Chlordane ug/l					
DDD ug/l					
DDE ug/l					
DDT ug/l					
Dieldrin ug/l					
Endrin ug/l					
Toxaphene ug/l					
Heptachlor ug/l					
Heptachlor Epoxide ug/l					
PCB ug/l					
2-4-D ug/l					
2-4-5-T ug/l					
Silvex ug/l					
Cesium as Cs, Dissolved Ug/l	0.0	0.0	0.0		

[illegible] Ford

FORD CHEMICAL LABORATORY, INC.

Ford Chemical
LABORATORY
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

Date: April 19, 1976

Name VTN Engineers
Address 2600 South Parker Road
Denver, CO 80232

CERTIFICATE OF ANALYSIS
76-2739

Sample: Water received on March 20, 1976 labeled Ground Water, Deep Wells dated March 19, 1976:

	G-5	G-17	G-8A	G-8	G-12
Alkalinity as CaCO3 mg/l	656.0	750.0	466.0	484.0	1,770
Aluminum as Al (Dissolved) ug/l	27	28	15	0.0	56
Ammonia as NH3-N (Dissolved) mg/l	22.30	2.85	1.30	2.05	2.93
Antimony as Sb (Dissolved) ug/l	5	0.0	0.0	0.0	0.0
Arsenic as As (Dissolved) ug/l	81	61	110	214	110
Bicarbonate as HCO3 mg/l	800.3	836.9	568.5	590.4	2,159
Carbonate as CO3 mg/l	0.0	38.40	0.0	0.0	0.0
Boron as B (Dissolved) ug/l	0.0	360	0.0	430	3,900
Bio-Chemical Oxygen Demand mg/l					
Bismuth as Bi (Dissolved) ug/l	<10	<10	<10	<10	<10
Calcium as Ca (Dissolved) mg/l	5.6	4.8	192.0	48.0	64.0
Chloride as Cl (Dissolved) mg/l	6.0	20.0	48.0	58.0	110.0
Total Dissolved Solids at 180° C. mg/l					
Fluoride as F (Dissolved) mg/l	1.45	1.37	1.67	5.00	12.70
Iron as Fe (Dissolved) ug/l	124	620	9,100	670	146
Magnesium as Mg (Dissolved) mg/l	6.28	1.92	180.0	224.1	108.0
Manganese as Mn (Dissolved) ug/l	26	27	137	47	17
Kjeldahl Nitrogen mg/l	22.80	3.40	1.80	2.20	4.80
Nitrate as NO3-N (Dissolved) mg/l +NO2-N	0.36	0.51	0.33	0.10	1.73
Phosphorus ~~Total~~ as P mg/l Dissolved	0.35	0.18	0.10	0.15	0.05
Cobalt as Co Dissolved Ug/l	0.0	0.0	0.0	0.0	0.0

	G-5	G-17	G-8A	G-8	G-12
Phosphorus (Ortho) as P mg/l	0.18	0.04	0.05	0.10	0.02
Phosphate Ortho (Dissolved) as PO4-P mg/l					
Potassium as K (Dissolved) mg/l	1.61	6.26	5.19	7.97	1.72
Silica as SiO2 (Dissolved) mg/l	17.0	10.0	16.0	18.0	10.0
Sodium as Na (Dissolved) mg/l	555.0	538.0	1,063	2,336	1,285
Sulfate as SO4 (Dissolved) mg/l	560.0	400.0	2,900	3,330	1,420
Strontium as Sr (Dissolved) ug/l	113	0.0	84	55	180
Phenol ug/l	0.0	55	7	10	0.0
Total Hardness as CaCO3 mg/l					
Non-Carbonate Hardness as CaCO3 mg/l					
Cyanide as CN mg/l	200.0	0.0	0.0	0.0	0.0
Organic Carbon (Dissolved) mg/l	42.0	34.0	28.0	42.0	270.0
Organic Carbon Suspended mg/l					
Barium as Ba (Dissolved) ug/l	31	127	52	33	24
Beryllium as Be (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Bromide as Br mg/l	0.1	0.2	0.1	0.4	0.0
Cadmium as Cd (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Chromium as Cr (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Copper as Cu (Dissolved) ug/l	19	14	13	14	72
Chemical Oxygen Demand mg/l	232.0	32.0	28.0	20.0	64.0
Germanium as Ge (Dissolved) ug/l	130	0.0	0.0	0.0	0.0
Gallium as Ga (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Lead as Pb (Dissolved) ug/l	60	21	51	50	234
Lithium as Li (Dissolved) ug/l	183	137	76	188	186
Surfactants as MBAS mg/l					
Molybdenum as Mo (Dissolved) ug/l	61	12	72	250	25
Mercury as Hg (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Nickel as Ni (Dissolved) ug/l	38	24	39	27	30
Cesium as Cs Dissolved Ug/l	0.0	0.0	0.0	0.0	0.0

	G-5	G-17	G-8A	G-8	G-12
Oil and Grease mg/l	3.5	0.0	0.0	0.0	0.0
Selenium as Se (Dissolved) ug/l	390	780	510	200	960
Silver as Ag (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Sulfide as S (Dissolved) mg/l	11.0	0.0	0.0	0.0	0.0
Titanium as Ti (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Vanadium as V (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Zinc as Zn (Dissolved) ug/l	17	16	19	143	66
Zirconium as Zr (Dissolved) ug/l	0.0	250	200	130	240
Gross Alpha pc/l	2.0	1.0	1.0	0.0	0.0
Gross Beta pc/l	1.0	0.0	2.0	1.0	0.0
Total Coliform MPN/100 ml					
Fecal Coliform MPN/100 ml					
Fecal Streptococcus MPN/100 ml					
Aldrin ug/l					
Lindane ug/l					
Chlordane ug/l					
DDD ug/l					
DDE ug/l					
DDT ug/l					
Dieldrin ug/l					
Endrin ug/l					
Toxaphene ug/l					
Heptachlor ug/l					
Heptachlor Epoxide ug/l					
PCB ug/l					
2-4-D ug/l					
2-4-5-T ug/l					
Silvex ug/l					
Tin as Sn Dissolved Ug/l	2,100	2,400	450	960	0.0

FORD CHEMICAL LABORATORY, INC.

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Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

Date: April 19, 1976

Name VTN Engineers
Address 2600 South Parker Road
Denver, CO 80232

CERTIFICATE OF ANALYSIS
76-2772

Sample: Water received on March 21, 1976 labeled Ground Water Deep Wells dated March 20, 1976:

	G-20	G-13A	G-13	G-15	G-21
Alkalinity as CaCO3 mg/l	440.0	334.0	428.0	240.0	1,142
Aluminum as Al (Dissolved) ug/l	9.0	20.0	16.0	6.0	2.0
Ammonia as NH3-N (Dissolved) mg/l	1.10	1.60	1.30	55.30	0.40
Antimony as Sb (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Arsenic as As (Dissolved) ug/l	13.0	194.0	235.0	89.0	134.0
Bicarbonate as HCO3 mg/l	536.8	407.4	522.1	201.6	983.3
Carbonate as CO3 mg/l	0.0	0.0	0.0	57.60	175.5
Boron as B (Dissolved) ug/l	2,350.	230.	460.	415.	5.
Bio-Chemical Oxygen Demand mg/l					
Bismuth as Bi (Dissolved) ug/l	<10	<10	<10	<10	<10
Calcium as Ca (Dissolved) mg/l	215.0	140.0	152.0	4.0	4.0
Chloride as Cl (Dissolved) mg/l	54.0	48.0	50.0	22.0	26.0
Total Dissolved Solids at 180° C. mg/l					
Fluoride as F (Dissolved) mg/l	5.00	1.54	5.90	4.10	4.00
Iron as Fe (Dissolved) ug/l	143.	2,210.	151.	333.	268.
Magnesium as Mg (Dissolved) mg/l	187.2	196.8	182.4	1.44	0.48
Manganese as Mn (Dissolved) ug/l	25.	62.	21	83	15
Kjeldahl Nitrogen mg/l	1.50	1.90	1.40	56.50	0.60
Nitrate as NO3-N (Dissolved) mg/l +NO2-N	0.25	0.28	0.05	0.02	0.03
Phosphorus as P mg/l Dissolved	0.19	0.15	0.18	0.25	0.64
Cesium as Cs Dissolved Ug/l	0.0	0.0	0.0	0.0	0.0

	G-20	G=13A	G-13	G-15	G-21
Phosphorus (Ortho) as P mg/l Dissolved	0.14	0.11	0.12	0.20	0.38
Phosphate Ortho (Dissolved) as PO4-P mg/l					
Potassium as K (Dissolved) mg/l	4.02	9.71	1.79	6.47	1.16
Silica as SiO2 (Dissolved) mg/l	13.0	17.00	15.0	17.0	11.0
Sodium as Na (Dissolved) mg/l	1193	1080	1260	418	550
Sulfate as SO4 (Dissolved) mg/l	3260	3020	3260	615	69
Strontium as Sr (Dissolved) ug/l	88.0	150.0	138.0	15.0	10.0
Phenol ug/l	2.0	1.0	0.0	0.0	4.0
Total Hardness as CaCO3 mg/l					
Non-Carbonate Hardness as CaCO3 mg/l					
Cyanide as CN mg/l	0.0	0.01	0.0	390.0	0.0
Organic Carbon (Dissolved) mg/l	115.0	29.0	47.0	62.0	142.0
Organic Carbon Suspended mg/l					
Barium as Ba (Dissolved) ug/l	23.0	51.0	147.0	31.0	9.0
Beryllium as Be (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Bromide as Br mg/l	0.0	0.0	0.0	0.0	0.0
Cadmium as Cd (Dissolved) ug/l	2.0	1.0	3.0	7.0	2.0
Chromium as Cr (Dissolved) ug/l	14.0	20.0	17.0	21.0	24.0
Copper as Cu (Dissolved) ug/l	14.0	15.0	11.0	12.0	20.0
Chemical Oxygen Demand mg/l	45.0	30.0	34.0	212.0	248.0
Germanium as Ge (Dissolved) ug/l	16.0	12.0	15.0	14.0	0.0
Gallium as Ga (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Lead as Pb (Dissolved) ug/l	55.0	58.0	3.0	52.0	17.0
Lithium as Li (Dissolved) ug/l	41.0	45.0	44.0	193.0	164.0
Surfactants as MBAS mg/l					
Molybdenum as Mo (Dissolved) ug/l	78.0	7.0	129.0	28.0	0.0
Mercury as Hg (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Nickel as Ni (Dissolved) ug/l	12.0	39.0	23.0	29.0	16.0
Cobalt as Co Ug/l	12.0	25.0	9.0	16.0	10.0

	G-20	G-13A	G-13	G-15	G-21
Oil and Grease mg/l	0.0	0.0	0.0	0.0	0.0
Selenium as Se (Dissolved) ug/l	49.0	196.0	34.0	288.0	970.0
Silver as Ag (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Sulfide as S (Dissolved) mg/l	0.0	0.0	0.0	0.0	0.0
Titanium as Ti (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Vanadium as V (Dissolved) ug/l	0.0	0.0	0.0	0.0	0.0
Zinc as Zn (Dissolved) ug/l	24.0	37.0	15.0	31.0	38.0
Zirconium as Zr (Dissolved) ug/l	0.0	1.4	2.5	15.0	0.0
Gross Alpha pc/l	0.0	0.0	0.0	0.0	0.0
Gross Beta pc/l	0.0	0.0	0.0	0.0	0.0
Total Coliform MPN/100 ml					
Fecal Coliform MPN/100 ml					
Fecal Streptococcus MPN/100 ml					
Aldrin ug/l					
Lindane ug/l					
Chlordane ug/l					
DDD ug/l					
DDE ug/l					
DDT ug/l					
Dieldrin ug/l					
Endrin ug/l					
Toxaphene ug/l					
Heptachlor ug/l					
Heptachlor Epoxide ug/l					
PCB ug/l					
2-4-D ug/l					
2-4-5-T ug/l					
Silvex ug/l					
Tin as Sn Dissolved Ug/l	250.0	380.0	950.0	840.0	620.0

FORD CHEMICAL LABORATORY, INC.

Ford Chemical
LABORATORY
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

Date: April 19, 1976

Name VTN Engineering

Address 2600 South Parker Road
Denver, Co 80232

CERTIFICATE OF ANALYSIS
76-2738

Sample: Water received on March 20, 1976 labeled Ground Water, Deep Wells Dated March 19, 1976:

	G-18				
Alkalinity as CaCO3 mg/l	210.0				
Aluminum as Al (Dissolved) ug/l	207				
Ammonia as NH3-N (Dissolved) mg/l	9.63				
Antimony as Sb (Dissolved) ug/l	0.0				
Arsenic as As (Dissolved) ug/l	126				
Bicarbonate as HCO3 mg/l	256.2				
Carbonate as CO3 mg/l	0.0				
Boron as B (Dissolved) ug/l	0.0				
Bio-Chemical Oxygen Demand mg/l					
Bismuth as Bi (Dissolved) ug/l	<10				
Calcium as Ca (Dissolved) mg/l	72.0				
Chloride as Cl (Dissolved) mg/l	50.0				
Total Dissolved Solids at 180° C. mg/l					
Fluoride as F (Dissolved) mg/l	1.20				
Iron as Fe (Dissolved) ug/l	257				
Magnesium as Mg (Dissolved) mg/l	141.6				
Manganese as Mn (Dissolved) ug/l	200				
Kjeldahl Nitrogen mg/l	10.00				
Nitrate as NO3-N (Dissolved) mg/l+NO2-N	0.20				
Phosphorus XXXXXXX as P mg/l Dissolved	0.16				

Cobalt as Co Dissolved Ug/l 0.0

	G-18				
Phosphorus (Ortho) as P mg/l	0.10				
Phosphate Ortho (Dissolved) as PO4-P mg/l					
Potassium as K (Dissolved) mg/l	5.08				
Silica as SiO2 (Dissolved) mg/l	0.80				
Sodium as Na (Dissolved) mg/l	860.0				
Sulfate as SO4 (Dissolved) mg/l	2,280				
Strontium as Sr (Dissolved) ug/l	56				
Phenol ug/l	0.0				
Total Hardness as CaCO3 mg/l					
Non-Carbonate Hardness as CaCO3 mg/l					
Cyanide as CN mg/l	0.0				
Organic Carbon (Dissolved) mg/l	150				
Organic Carbon Suspended mg/l					
Barium as Ba (Dissolved) ug/l	82				
Beryllium as Be (Dissolved) ug/l	0.0				
Bromide as Br mg/l	0.0				
Cadmium as Cd (Dissolved) ug/l	0.0				
Chromium as Cr (Dissolved) ug/l	0.0				
Copper as Cu (Dissolved) ug/l	13				
Chemical Oxygen Demand mg/l	32.0				
Germanium as Ge (Dissolved) ug/l	0.0				
Gallium as Ga (Dissolved) ug/l	0.0				
Lead as Pb (Dissolved) ug/l	38				
Lithium as Li (Dissolved) ug/l	131				
Surfactants as MBAS mg/l					
Molybdenum as Mo (Dissolved) ug/l	12				
Mercury as Hg (Dissolved) ug/l	0.0				
Nickel as Ni (Dissolved) ug/l	20				
Cesium as Cs Dissolved Ug/l	0.0				

	G-18				
Oil and Grease mg/l	0.0				
Selenium as Se (Dissolved) ug/l	260				
Silver as Ag (Dissolved) ug/l	0.0				
Sulfide as S (Dissolved) mg/l	0.0				
Titanium as Ti (Dissolved) ug/l	0.0				
Vanadium as V (Dissolved) ug/l	0.0				
Zinc as Zn (Dissolved) ug/l	24				
Zirconium as Zr (Dissolved) ug/l	220				
Gross Alpha pc/l	0.0				
Gross Beta pc/l	5.0				
Total Coliform MPN/100 ml					
Fecal Coliform MPN/100 ml					
Fecal Streptococcus MPN/100 ml					
Aldrin ug/l					
Lindane ug/l					
Chlordane ug/l					
DDD ug/l					
DDE ug/l					
DDT ug/l					
Dieldrin ug/l					
Endrin ug/l					
Toxaphene ug/l					
Heptachlor ug/l					
Heptachlor Epoxide ug/l					
PCB ug/l					
2-4-D ug/l					
2-4-5-T ug/l					
Silvex ug/l					

Tin as Sn Dissolved Ug/l 2,800

FORD CHEMICAL LABORATORY, INC.

Ford Chemical
LABORATORY, INC.
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
PHONE 485-5761

April 9, 1976

VTN Engineers
2600 South Parker Road
Denver, CO 80232

CERTIFICATE OF ANALYSIS

76-2595

Gentlemen:

The following analysis is on sample of water received on March 22, 1976:

Sample: Water Ground Water, Deep Wells (Quarterly):

	Total Coliform MPN/100ml	Fecal Coliform MPN/100ml	Fecal Streptococcus MPN/100ml
G-18 3/20/76	<3	<3	<3
G-12 3/20/76	<3	<3	<3
G-21 3/18/76	<3	<3	<3
G-17 3/19/76	<3	<3	<3
G-8A 3/20/76	<3	<3	<3
G-13 3/20/76	<3	<3	<3
G-16A 3/21/76	<3	<3	<3
G-5 3/19/76	<3	<3	<3
G-20 3/20/76	<3	<3	<3
G-15 3/18/76	<3	<3	<3
G-8 3/20/76	<3	<3	<3
G-13A 3/20/76	<3	<3	<3

All reports are submitted as the confidential property of clients. Authorization for publication of our reports, conclusions, or, extracts from or regarding them, is reserved per
ing our written approval as a mutual protection to clients, the public and ourselves.

	Total Coliform MPN/100ml	Fecal Coliform MPN/100ml	Fecal Streptococcus MPN/100ml
G-16 3/21/76	<3	<3	<3
G-10 3/21/76	<3	<3	<3
G-25 3/17/76	36	<3	<3
P-3 3/17/76	240	<3	<3
P-2 Lower 3/17/76	<3	<3	<3
P-2 Upper 3/17/76	<3	<3	<3

Sincerely,

FORD CHEMICAL LABORATORY, INC.

Lyle S. Ford

LSF/jms

B. GROUND WATER

2. GROUND WATER LEVELS

VTN COLORADO, INC.

1315 West Highway 40
Vernal, Utah 84078

Phillips

RECEIVED
MAR - 8 1976
VTN COLORADO, INC.

TO: Hayden Phillips

DATE: March 4, 1976

FROM: John Luyendyk

SUBJECT: Static Well Measurements - March 1976

WELL NO.	DATE	SWL	WELL NO.	DATE	SWL
G-1	3/1/76	199.46	P-1	3/1/76	278.93
G-1A	"	Dry	P-2 Upper	"	100.14
G-2	"	122.95	P-2 Lower	"	157.14
G-2A	"	Dry	P-3	"	494.24
G-3	"	Dry	P-4	3/2/76	265.00
G-4	"	Dry			
G-4A	"	Dry			
G-5	3/3/76	460.10	X-1	3/1/76	451.03
G-6	3/2/76	168.00	X-2	3/3/76	48.20
G-7	3/1/76	Obstr.	X-3	3/2/76	Dry
G-8	3/2/76	53.80	X-4	3/3/76	Dry
G-8A	"	43.10	X-5	3/3/76	310.20
G-10	3/3/76	317.00	X-6	3/2/76	Dry
G-11	"	471.10	X-9	3/1/76	591.93
G-12	3/2/76	78.00 47.00	X-10	"	630.00
G-13	"	10.22	X-11	"	421.21
G-13A	"	9.71			
*G-14	"	39.41			
G-15	3/1/76	509.65	AG-1A Upper	3/2/76	10.00
G-16	3/2/76	28.60	AG-1A Lower	3/2/76	10.03
G-16A	"	Flowing	AG-2 Upper	"	12.33
G-16B	"	Dry	AG-2 Lower	"	12.42
G-17	3/1/76	73.15	AG-3	3/1/76	10.62
*G-18	3/2/76	29.50	AG-4	"	28.05
*G-18A	"	16.00	AG-5	"	Dry
G-19	"	798.30	AG-7	"	Dry
G-20	"	8.52	AG-8*	"	Dry
G-21	3/1/76	429.83	AG-9**	"	Dry
G-22	3/3/76	500.90			

---

* Note: Flow from Evacuation Creek probably went into these wells causing higher water surface elevations.

[illegible]

Measured 3-5-76 (B.H. 1)

AG-8 - Obstructed
4.0' from
top.
Same [illegible]

AG-9 - 22.60'
Wet Silt

Hayden,
The above are changes
in Static Level Measurements
for (Mar.), mailed to you
yesterday 3/4.

VTN COLORADO, INC.
1315 West Highway 40
Vernal, Utah 84078

CLIENT CONFIDENTIAL

TO: Hayden Phillips

DATE: April 5, 1976

FROM: John Luyendyk

SUBJECT: Static Well Measurements - April 1976

WELL NO.	DATE	SWL	WELL NO.	DATE	SWL
G-1	4/2/76	200.50	P-1	4/2/76	279.20
G-1A	4/3/76	Dry	P-2 Upper	"	103.78
G-2	4/2/76	123.10	P-2 Lower	"	157.16
G-2A	4/3/76	Dry	P-3	4/2/76	493.04
G-3	"	Dry	P-4	4/3/76	266.42
G-4	4/2/76	Dry			
G-4A	"	Dry			
G-5	"	461.50	X-1	4/3/76	450.91
G-6	4/1/76	168.4	X-2	4/1/76	50.70
G-7	4/2/76	Obstr.	X-3	"	Dry
G-8	4/1/76	54.80	X-4	"	Dry
G-8A	"	42.80	X-5	"	319.50
G-10	"	316.5	X-6	"	Dry
G-11	"	470.22	X-9	4/2/76	592.90
G-12	"	42.5	X-10	"	632.50
G-13	"	9.9	X-11	"	422.70
G-13A	"	11.5			
G-14	"	38.8			
G-15	4/2/76	509.90	AG-1A Upper	4/3/76	9.97
G-16	4/1/76	29.10	AG-1A Lower	"	9.93
G-16A	"	Flowing	AG-2 Upper	"	12.25
G-16B	"	Dry	AG-2 Lower	"	12.29
G-17	4/3/76	70.42	AG-3	4/2/76	29.20
G-18	4/1/76	34.4	AG-4	"	29.20
G-18A	"	22.8	AG-5	"	Dry
G-19	"	798.7	AG-7	"	Dry
G-20	"	9.7	AG-8	4/3/76	Dry
G-21	4/2/76	431.50	AG-9	4/1/76	Dry
G-22	4/1/76	500.8			

J. Luyendyk

VTN COLORADO, INC.

1315 West Highway 40
Vernal, Utah 84078

CLIENT CONFIDENTIAL

TO: Hayden Phillips

FROM: John Luyendyk

SUBJECT: Static Well Measurements - May 1976

WELL NO.	DATE	SWL	WELL NO.	DATE	SWL
G-1	5/7/76	200.00	P-1	5/12/76	278.76
G-1A	5/7/76	Dry	P-2 Upper	5/13/76	103.86
G-2	5/7/76	123.18	P-2 Lower	"	157.05
G-2A	5/7/76	Dry	P-3	5/11/76	494.37
G-3	5/7/76	Dry	P-4	5/4/76	266.50
G-4	5/7/76	Dry	X-1*	--	--
G-4A	5/7/76	Dry	X-2	5/7/76	50.12
G-5	5/4/76	460.50	X-3	5/4/76	Dry
G-6	"	165.30	X-4	"	Dry
G-7	5/7/76	497.98	X-5	"	319.50
G-8	5/4/76	55.50	X-6**	"	336.00
G-8A	"	42.40	X-9*	--	--
G-10	"	314.40	X-10	5/7/76	631.10
G-11	"	470.00	X-11*	--	--
G-12	"	41.00			
G-13	"	10.00	AG-1A Upper	5/6/76	11.70
G-13A	"	10.15	AG-1A Lower	5/6/76	11.70
G-14	"	38.75	AG-2 Upper	"	13.75
G-15	5/7/76	510.50	AG-2 Lower	"	13.75
G-16	5/10/76	29.32	AG-3 Upper	"	11.10
G-16A	"	Flowing	AG-3 Lower	5/11/76	10.85
G-16B	"	Dry	AG-4	5/6/76	29.20
G-17	5/7/76	80.00	AG-5	5/5/76	Dry
G-18	5/4/76	33.10	AG-6	5/7/76	17.75
G-18A	"	24.05	AG-7	5/6/76	Dry
G-19	"	798.85	AG-8	"	4.00
G-20	"	7.0	AG-9	5/4/76	Dry
G-21	5/10/76	430.25			
G-22	5/4/76	501.15			

---

* X-1, X-9 & X-11; wells are capped; cannot get sounder in casing.

** X-6; sounder stuck at 336'.

U.S. DEPT. OF
GEOLOGICAL SURVEY
Water Resources Div.

Inspection of Digital Recorder

STATION
STA. NO. P-1

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	1	76
TO	3	13	76

TAPE NO. BEGIN 408
TAPE NO. END 437

SEC

DATE
BATTERY VOLTAGE
CYCLING TIME
REMARKS

Cont. Remarks on Back

REMOVED BY JSL
DATE 3-13-76

GH	Time
OG	WT 1005
IG	CT -- 10
Tape 278.24	TT 0715
Dial 278.24	
Meas'd?	

Tape Indicator Yes 279.94 No
Max Clock Min Stopped

STARTED BY JSL
DATE 3-1-76

GH	Time
OG	WT 0950
IG	CT - - 50
Tape 278.93	TT 0945
Dial 278.93	
Meas'd?	

Tape Indicator Yes 27893 No
Max Min

TRANSLATION INSTRUCTIONS
BY JSL DATE 4-5-76

Station Number	006 (RPD)	P-1 (STATION NUMBER)		
Starting Tape Time	176 (YR)	03 (MO)	01 (DAY)	0945 (TIME)
Ending Tape Time	026	03	12	0715
Ending Watch Time	076	03	13	0715

9-176D (
U.S. DEP
GEOLOGICAL
Water Resources Div.

Inspection of Digital Recorder

STATION
STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	13	76
TO	3	24	76

TAPE NO BEGIN [illegible]
TAPE NO. END 430

SEC

DATE
BATTERY VOLTAGE
CYCLING TIME
REMARKS

Cont. Remarks on Back

REMOVED BY JSL
DATE 3-24-76

GH	Time
	WT 1332
	CT --- 1329
	TT 1746

OG
IG 80.22
Tape 80.22
Dial 80.22
Meas. dp
Yes 380.92
No
Tape Indicator Max Clock Stopped Min

STARTED BY JSL
DATE 3-13-76

GH	Time
	WT 1015
	CT - 1015
	TT 1015

OG
IG 79.94
Tape 79.94
Dial
Meas. dp
Yes 279.94
No
Tape Indicator Max [illegible] Min [illegible]

TRANSLATION INSTRUCTIONS
BY [illegible] DATE [illegible]-5-76

Station Number
Starting Time
Tape Time
Ending Time
Tape Ending Time
Watch Time

2-1 (STATION NUMBER)
06 (RPO) 03 (MO) 13 (DAY) 1015 (TIME)
1 76 (YR) 0.3 19 1230
076 03 24 1330
076

REMARKS (cont'd from Front) 3-13-76 Measured diff. bt. 8" & 2" Well = 0.5' diff

2" Well = 377.77 ∴ 8" Should be 378.27

INSP'D BY

Date	GH	Time	
		WT	
		CT	
OG		TT	
IG		Yes	No
Tape			
Dial		Min	
Meas. d.p.			
Tape Indicator		Max	

INSP'D BY

Date	GH	Time	
		WT	
		CT	
OG		TT	
IG		Yes	No
Tape			
Dial		Min	
Meas. d.p.			
Tape Indicator		Max	

JSL-[illegible]

[illegible]-76

Time			
WT	1532		
CT	--32		
TT	1530	No.	
Yes		Min	3.86 - 3.86
Meas. d.p.	36.03		
	36.36		
Tape Indicator			

9-176D (Rev.

U.S. DEPT.

GEOLOGICAL SUR

Water Resources Div.

Well

Inspection of Digital Recorder

STATION

STA. NO P-1

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	24	76
TO	4	2	76

TAPE NO BEGIN 428

TAPE NO. END 42

DATE

BATTERY VOLTAGE

CYCLING TIME

SEC

REMARKS [illegible]

Cont. Remarks on Back

REMOVED BY JSL

DATE 4-2-76

GH

Time

WT 16-02

CT —

TT 1332

OG

IG

Tape 80.22

Dial 80.20

Meas. dp.

Tape Indicator Yes — 379.20 No —

Max

Min

STARTED BY JSL

DATE 3-24-76

GH

Time

WT 13-40

CT —

TT 1330

OG

IG

Tape 80.22

Dial 80.22

Meas. dp.

Tape Indicator Yes — 980.22 No —

Max

Min

TRANSLATION INSTRUCTIONS

BY — DATE —

— — — — (STATION NUMBER) — — (TIME)

— — (YR) — — (MO) — — (DAY)

Station

Number

Starting Tape Time

Ending Tape Time

Ending Time

P-1

```
DA   MO   YR     0600     1200     1800     2400     MAX      MIN      DAY
 1    3   76     0.00    78.94    78.99    [illegible] 78.9[illegible] 78.8[illegible] 78.9[illegible]
 2    3   76    78.70    79.75    79.77    [illegible] 78.98 78.55  78.7[illegible]
 3    3   76    78.54    78.55    78.66    78.70    78.79    78.54    78.62
 4    3   76    78.81    78.76    78.66    78.40    78.00    78.40    78.06
 5    3   76    78.36    78.26    78.22    78.21    78.40    78.29    78.26
 6    3   76    79.19    78.17    78.20    78.34    78.[illegible] 78.17 78.20
 7    3   76    [illegible] 78.38 78.43    78.50    78.[illegible] 78.25 78.39
 8    3   76    78.50    78.47    78.47    78.49    78.[illegible] 78.45 78.48
 9    3   76    78.49    78.49    78.52    78.54    78.6[illegible] 78.48 78.51
10    3   76    78.52    78.50    78.55    78.50    78.7[illegible] 78.56 78.57
11    3   76    78.73    78.87    78.67    78.84    78.94    78.53    78.79
```

```
OUNDWATER--P 1

DA   MO   YR     0600     1200     1800     2400     MAX      MIN      DAY
13    3   76     0.00    79.95    79.97    79.99    79.99    79.94    79.98
14    3   76    80.11    80.20    80.19    80.24    80.31    80.06    80.21
15    3   76    80.17    80.08    80.02    79.99    80.18    79.95    80.06
16    3   76    79.95    79.96    79.98    80.04    80.05    79.95    79.98
17    3   76    80.05    80.05    80.16    80.22    80.22    80.04    80.13
18    3   76    80.23    80.25    80.37    80.62    80.65    80.22    80.37
```

INSP'D BY DWB
Date 3-17-76
GH
Time
WT 0903
CT 02
TT 0900
OG
IG
Tape 57.26
Dial 57.37
Meas'd? Yes X No
Tape Indicator 157.05
Max
Min

INSP'D BY DWB
Date 3/17/76
GH
Time
WT 1109
CT 09
TT 1100
OG
IG
Tape
Dial 57.05
Meas'd? Yes X No
Tape Indicator 157.05
Max
Min

INSP'D BY JSL
Date 3-24-76
GH
Time
WT 1204
CT --06
TT 1200
OG
IG
Tape 57.21
Dial 57.21
Meas'd? Yes ✓ No
Tape Indicator 157.21
Max
Min

REMARKS (cont'd from Front): 3/17 FOUND BEAD OUT OF HOLE DWB
MOVED DIAL FROM @57.26 TILL BEAD FELL INTO
HOLE DIAL NOW READS 57.36 – REMOVED
RECORDER HOUSE TO PUMP WELL.
WIRE LOOPED ON ITSELF

817.75
648.50 -7
169.25

805.55
648.50
157.05

…D (Rev. 9…

U.S. DEPT. OF…
GEOLOGICAL SURVE…
Water Resources Div.
Well

Inspection of Digital Recorder

STATION
STA. NO. P2 Lewis

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	1	76
TO	45	217	76

TAPE NO. BEGIN 396
TAPE NO. END

SEC

DATE
BATTERY VOLTAGE 13
CYCLING TIME 2-2-76
REMARKS 157.16
Dial 157.16
WT 1355
CT 1345
TT
Cont. Remarks on Back
Meas 157.16

REMOVED BY JSL #326
DATE 3-11-76
GH
Time 32
OG
WT 1432
IG 57.75
CT -32
Tape 57.72
TT 1430
Dial
Meas'd? Yes No
Tape Indicator Max Changed Min Reset

STARTED BY JSL
DATE 3-1-76
GH
Time
OG
WT 1312
IG 157.14
CT -12
Tape
TT 1300
Dial
Meas'd? Yes 157.14 No
Tape Indicator Max Min

TRANSLATION INSTRUCTIONS
BY JSL DATE 11-5-76

Station Number P-2 Lewis (STATION NUMBER)
Starting Tape Time 0.06 (RPD) 1 76 (YR) 03 (MO) 01 (DAY) 1300 (TIME)
Ending Tape Time 026 0.4 02 1345
Ending Watch Time 0 26 04 02 1345

Inspection of Recorder

STATION

STA. NO. Pa Lway

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	17	76
TO			

TAPE NO. BEGIN

TAPE NO. END

SEC

DATE

BATTERY VOLTAGE

CYCLING TIME

REMARKS

Cont. Remarks on Back

REMOVED BY

DATE

GH

Time

OG

IG

WT

CT

TT

Tape

Dial

Yes

No

Meas'd?

Tape Indicator

Max

Min

STARTED BY

DATE

GH

Time

OG

IG

WT

CT

TT

Tape

Dial

Yes

No

Meas'd?

Tape Indicator

Max

Min

TRANSLATION INSTRUCTIONS

BY

DATE

(RPD) 76 (YR) 03 (MO) 17 (DAY) (STATION NUMBER) 1226 (TIME)

tion Number

rting Tape Time

Ending Tape Time

Ending tch Time

OUNDWATER--P 2 LOWER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
1	3	76	0.00	0.00	57.18	57.06	[illegible]	57.05	57.12
2	3	76	57.09	56.97	56.96	56.96	57.11	56.78	56.95
3	3	76	56.91	56.84	56.97	[illegible]	57.04	56.70	56.92
4	3	76	57.11	57.05	57.16	[illegible]	57.50	[illegible]	57.25
5	3	76	57.25	57.14	57.05	[illegible]	[illegible]	56.98	57.13
6	3	76	56.96	55.94	57.06	[illegible]	[illegible]	56.93	56.99
7	3	76	57.18	57.15	57.25	[illegible]	57.25	57.07	57.20
8	3	76	57.27	57.22	57.26	[illegible]	57.28	57.21	57.25
9	3	76	57.27	57.26	57.33	[illegible]	[illegible]	57.25	57.30
10	3	76	57.42	57.36	57.43	[illegible]	[illegible]	57.28	57.39
11	3	76	57.65	57.73	57.71	[illegible]	[illegible]	[illegible]	57.64
12	3	76	57.02	57.14	57.13	[illegible]	57.29	57.03	57.16
13	3	76	57.10	57.11	57.23	[illegible]	57.27	57.05	57.17
14	3	76	[illegible]	57.39	57.48	[illegible]	57.51	57.25	57.40
15	3	76	57.30	57.25	57.28	[illegible]	57.34	57.00	57.22
16	3	76	57.12	57.11	57.20	[illegible]	[illegible]	57.08	57.17

```
OUNDWATER--P 2 LOWER

DA   MO   YR     0600      1200      1800      2400      MAX        MIN        DAY

17    3   76     0.00      0.00     57.14     57.20  [illegible]   57.14     57.17
18    3   76    57.19     57.23     57.35     57.54     57.54      57.17     57.30
19    3   76    57.58     57.46     57.31     57.46     57.61  [illegible]   57.45
20    3   76    57.17     57.04     57.03     57.06     57.17      56.99     57.08
21    3   76    57.03     57.01     57.01     57.07  [illegible]   56.9[illegible]   57.00
22    3   76    56.93     56.92     57.04  [illegible]   57.17     56.91     57.01
23    3   76    57.23     57.28     57.34     57.27     57.35      57.15     57.26
24    3   76    57.20     57.17     57.28  [illegible]   57.3[illegible]   57.16     57.27
25    3   76    57.54     57.45     57.33     57.29     57.6[illegible]   57.11     57.38
26    3   76    57.12     57.04     57.14     57.20     57.24      57.0[illegible]   57.12
27    3   76    57.32     57.41     57.56     57.48     57.64      57.2[illegible]   57.44
28    3   76    57.46     57.45     57.54     57.[illegible]9   57.57   57.4[illegible]   57.49
29    3   76    57.43     57.31     57.27     57.14     57.44      57.07     57.29
30    3   76    57.06     57.01     57.08     57.11     57.15      56.99     57.07
31    3   76    57.00     57.07     57.18     57.25     57.27      57 06     57.14
 1    4   76    57.28     57.30     57.40     57.41     57.46      57.2[illegible]   57.34
OUNDWATER
```

(Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
Vcll

Inspection of Digital Recorder

STATION P2 Upper

STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	1	76
TO	4/3	2/6	76

TAPE NO. BEGIN 305

TAPE NO. END 272

SEC

DATE

BATTERY VOLTAGE

CYCLING TIME

REMARKS

Cont. Remarks on Back

REMOVED BY 4-2-76 JSL

DATE

GH

OG

IG

Tape 1.3.76

Dial 1.3.76

Meas.d?

Time WT 1113 CT - 13 TT 1345

Tape Indicator Yes 103.8 No Max Min

STARTED BY 3-1-76 JSL

DATE

GH

OG

IG

Tape 1.00.45

Dial 1.00.45

Meas.d?

Time WT 1319 CT - 13 TT 1346

Tape Indicator Yes 104 No Max Min

TRANSLATION INSTRUCTIONS DATE 4-5-76

BY JSL

P-2 Upper (STATION NUMBER)

03 (MO) 02 (DAY) 1345 (TIME)

046 (TAPO) 76 (YR) 04 02 1343

026 04 02 1400

0226

Starting Tape Time

Ending Tape Time

Ending Watch Time

REMARKS (cont'd from Front):

3/17 MOVED RECORDER TO PUM? WELL
13:40 HEAVY DRAW DOWN? WATER BELOW
@ CABLE LENGTH? WILL HAVE TO ~~WATER~~ FOR
MAX TO RECOVER SET TC 12.00 BELOW
148.72 TO 102.0 DIAL BECAUSE IF DIAL WILL GO
48.50 WELL 10' TO DIAL - BE! IT • Tape = 112.12 Dial = 113.12
100.22 ADD 10 COMPUTER RESECTS Tape 103.51 Float was 113.51
3/18 @ 1208 THE 12.00 CT 0000 TT 12.00 M els
00.00 WT 12.00
3-24-76

INSP'D BY DWB Date 3-17-76

GH		WT	Time 1340
OG		CT	1330
IG		TT	
Tape	95.68	Yes	No X
Dial			
Meas'd?			
Tape Indicator	Max		Min

INSP'D BY DWB Date 3-17-76

GH		WT	Time 0948
OG		CT	0946
IG		TT	0915
Tape	95.51	Yes X	No
Dial			
Meas'd?			
Tape Indicator	Max		Min 100.22

INSP'D BY JSC Date 3-11-76

GH		WT	Time 14:56
OG		CT	—
IG		TT	14:47
Tape		Yes	No
Dial			
Meas'd?			
Tape Indicator	Max		Min 100.02

9-176D (Rev. 9-67)

U.S. DEPT. OF INT

GEOLOGICAL SURVEY

Water Resources Div.

Well

Inspection of Digital Recorder

STATION P2 Upland

STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	16	71
TO	3	31	71

TAPE NO. BEGIN

TAPE NO. END

SEC

DATE

BATTERY VOLTAGE

CYCLING TIME

REMARKS

Cont. Remarks on Back

REMOVED BY

DATE

GH

Time

WT

CT

IT

OG

IG

Tape

Dial

Meas'd? Yes — No —

Tape Indicator Min — Max

STARTED BY

DATE

GH

Time

WT

CT

IT

OG

IG

Tape

Dial

Meas'd? Yes — No —

Tape Indicator Min — Max

TRANSLATION INSTRUCTIONS

BY

DATE

P-2 Upland (STATION NUMBER) 1500 (TIME)

(RPD) 126 (YR) 03 (MO) 16 (DAY)

Station Number

Starting Tape Time

Ending Tape Time

Ending Watch Time

```
OUNDWATER--F 2 UPPER

DA  MO  YR    0600     1200     1800     2400      MAX      MIN      DAY

 1   3  76    0.00     0.00     0.17     0.10     0.19     0.00     0.13
 2   3  76    0.00     0.04     0.01    70.79    99.19     0.00    17.71
 3   3  76   [illegible] 99.95  20.86     0.19    99.99     0.00    55.21
 4   3  76    0.13     4.68     5.22     5.17    99.65     0.00     3.80
 5   3  76    5.07     5.03     4.93     4.92     5.11     4.87     4.98
 6   3  76    4.84     4.84     4.87     4.94     4.94     4.83     4.87
 7   3  76    4.95     5.00     5.07     5.10     5.08     4.94     5.03
 8   3  76    5.09     5.05     5.06     5.06     5.10     5.05     5.06
 9   3  76    5.07     5.07     5.12     5.10     5.13     5.05     5.09
10   3  76    5.10     5.09     5.20     5.25     5.27     5.07     5.16
11   3  76    5.37     5.43    48.30    99.74    99.99     0.00    39.71
12   3  76   99.60    99.50    99.52    99.42    99.67    99.40    99.52
13   3  76   99.49    99.40    99.60    99.57    99.64    99.42    99.53
14   3  76   99.65    99.71    99.77    99.76    99.79    99.55    99.70
15   3  76   99.61    99.53    99.51    99.47    99.64    99.46    99.53
16   3  76   99.45    99.45    99.51    99.55    99.58    99.40    99.49
```

JN--P 2 UPPER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
16	3	76	0.00	0.00	99.85	99.85	99.85	99.85	99.85
17	3	76	99.85	95.09	12.18	[illegible]	99.85	[illegible]	55.64
18	3	76	12.12	12.12	12.12	12.12	12.12	12.12	12.12
19	3	76	12.12	12.12	12.12	[illegible]	12.12	12.12	12.12
20	3	76	12.12	12.12	12.12	[illegible]	12.12	12.12	12.12
21	3	76	12.12	12.12	12.12	[illegible]	12.12	12.12	12.12
22	3	76	12.12	12.12	12.12	[illegible]	12.12	12.12	12.12
23	3	76	12.12	12.24	13.59	13.57	13.61	12.12	12.89
24	3	76	13.61	13.61	13.61	13.57	13.61	13.55	13.60
25	3	76	13.[illegible]	13.51	13.58	13.61	13.61	12.4[illegible]	13.56
26	3	76	13.61	13.61	14.61	13.61	13.61	12.61	13.61
27	3	76	13.61	12.61	13.61	[illegible]	13.[illegible]	13.61	13.61
28	3	76	13.61	13.61	13.61	[illegible]	13.61	13.61	13.61
29	3	76	13.61	15.61	12.61	13.[illegible]	13.61	13.60	13.61
30	3	76	13.61	13.61	13.77	[illegible]	13.84	13.61	13.71
31	3	76	13.85	13.89	13.97	[illegible]	14.[illegible]	13.84	13.93

9-57

.S. DEPT. OF IN
GEOLOGICAL SURVEY
Water Resources Div.
Well

Inspection of Digital Recorder

STATION
STA. NO Y3

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	1	76
TO	~~4~~ 3	16	76

TAPE NO. BEGIN 4-75
TAPE NO. END 459

SEC

DATE
BATTERY VOLTAGE
CYCLING TIME
REMARKS

Cont. Remarks on Back

STARTED BY J.S.L.
DATE 3-1-76
GH
Time
OG
IG
WT 1034
CT —
TT 1030
Tape 4/94.25
Dial 4/94.25
Meas'd? Yes — No —
Tape Indicator 4/94.24
Max
Min

REMOVED BY J.S.L.
DATE 4-2-76
GH
Time
OG
IG 4/93.94
WT 1505
CT —
TT 1500
Tape 4/93.09
Dial
Meas'd? Yes No
Tape Indicator 4/93.04
Max
Min

TRANSLATION INSTRUCTIONS . DATE
BY J.S.L.

P-3 (STATION NUMBER)
0 96 (RPD) 03 (MO) 01 (DAY) 10 30 (TIME)
1 76 (YR) 04 02 ~~15 30~~ 15 09
Starting Tape Time 026 02 62
Ending Tape Time 076
Ending Watch Time

P'D BY JSL [illegible]
Date 3-[illegible]-71
GH
OG Time OK
IG
Tape 73.[illegible]
Dial [illegible]
Meas'd? Yes ___ No ___
Time
WT 1441
CT --44
TT 1430
Tape Indicator 493[illegible].0
Max Still [illegible] Min [illegible]

INSP'D BY JSL #465
Date [illegible]-71
GH
OG
IG
Tape [illegible].60
Dial [illegible].60
Meas'd? Yes ___ No ___
Time
WT 1412
CT --13
TT 1400
Tape Indicator 494.60
Max ___ Min ___
Changed Batt

INSP'D BY WRM
Date [illegible]
GH
OG
IG
Tape [illegible]5.87
Dial
Meas'd? Yes ✓ No ___
Time
WT 2:21
CT 2:21
TT 2:3[illegible]
Tape Indicator 417.75
Max ___ Min ___

REMARKS (cont'd from Front): RESET @ 3/17 1730 92.75 [illegible]
3/18 @ 1352 DIAL 93.68 RESET DIAL TO 92.87
MEAS. 492.87
3-24-76 WT 1315 CT --15 TT 1315 Dial 92.84 T 92.84
Meas 492.84 T# 451

☆ GPO : 1

9-176D (Re

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GEOLOGICAL SU
Water Resources Div.
Well

CLIENT CONFIDENTIAL

Inspection of Digital Recorder

STATION

STA. NO. P3

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	3	16	76
TO			

TAPE NO. BEGIN

TAPE NO. END

SEC

DATE

BATTERY VOLTAGE

CYCLING TIME

REMARKS

Cont. Remarks on Back

REMOVED BY

DATE

GH

Time

WT

CT

TT

OG

IG

Tape

Dial

Meas'd? Yes No

Tape Indicator Min Max

STARTED BY

DATE

GH

Time

WT

CT

TT

OG

IG

Tape

Dial

Meas'd? Yes No

Tape Indicator Min Max

TRANSLATION INSTRUCTIONS

BY JSL DATE 3-16-76

(STATION NUMBER)

(RPD) 12

(YR) 76

(MO) 03

(DAY) 16

(TIME) 1215

Station Number

Starting Tape Time

Ending Tape Time

Ending Watch Time

OUNDWATER--F 3

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
1	3	76	94.00	94.20	94.41	94.36	94.44	93.10	94.34
2	3	76	94.16	94.11	93.09	94.07	94.16	93.60	94.07
3	3	76	93.92	93.87	94.10	94.23	94.31	93.80	94.01
4	3	76	94.07	94.26	93.95	94.18	94.40	93.40	94.04
5	3	76	93.10	93.22	93.12	93.37	93.46	93.02	93.20
6	3	76	92.99	92.95	92.74	93.06	93.15	92.54	92.99
7	3	76	93.33	93.34	93.56	93.35	93.57	93.15	93.45
8	3	76	93.60	93.60	93.61	93.64	93.67	93.57	93.62
9	3	76	93.64	93.64	93.74	93.91	93.91	93.64	93.71
10	3	76	93.78	93.76	93.96	94.22	94.22	93.75	93.93
11	3	76	94.41	94.56	94.10	94.36	94.66	93.96	94.36
12	3	76	93.59	93.29	93.20	93.17	93.77	93.14	93.31
13	3	76	93.27	93.25	93.40	93.33	93.56	93.17	93.35
14	3	76	93.07	93.06	94.03	93.94	94.04	92.56	93.07
15	3	76	93.81	93.62	93.51	93.13	93.65	93.39	93.59
16	3	76	93.30	93.38	93.52	93.52	93.62	93.36	93.49

```
OUNDWATER--P )

DA   MO   YR    0600     1200     1800     2400   [illegible]     MIN      DAY

16    3   76     0.00     0.00   .3.19$$1-4 --[illegible]$$[illegible]   0.00[illegible]$$$$
17    3   76    93.04    93.29    93.19    93.04   [illegible]    92.8[illegible]   93.14
18    3   76    93.19    93.15    92.97    92.86   [illegible]    92.7[illegible]   93.04
19    3   76    92.70    92.49    92.41    92.41   [illegible]    92.4[illegible]   92.50
20    3   76    92.41    92.41    92.41    92.41    92.41    92.4[illegible]   92.41
21    3   76    92.36    92.34    92.35    92.36    92.[illegible]    92.[illegible]    92.40
22    3   76    92.76    92.87    93.00    93.06   [illegible]    92.7[illegible]   92.91
23    3   76    92.93    92.85    92.87    92.86   [illegible]    92.84    92.94
24    3   76    93.37    93.06    93.13    92.99   [illegible]    92.72    93.10
25    3   76    92.67    92.57    92.62    92.00   [illegible]    92.5[illegible]   92.67
26    3   76    93.01    92.25    93.51    93.54    93.65    92.60    93.04
27    3   76    93.46    93.45    93.34    93.57   [illegible]    93.45    93.51
28    3   76    93.49    93.27    93.04   [illegible]   [illegible]    93.27    93.17
29    3   76    92.72    92.63    92.71   [illegible]    92.33    92.03    92.7[illegible]
30    3   76    92.07    92.82    92.95    93.10    93.10    92.87    92.93
31    3   76    93.16    93.33    93.41    93.41    93.53    93.16    93.33
```

9-176D (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
Well

Inspection of Digital Recorder

STATION

STA. NO. P-2 Lower

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	4	2	76
TO	5	3	76

TAPE NO. BEGIN 360
TAPE NO. END 329

SEC

DATE
BATTERY VOLTAGE
CYCLING TIME
REMARKS

Cont. Remarks on Back

REMOVED BY JSL
DATE 5-3-76

GH		Time	
OG		WT 1832	
IG		CT --43	
Tape 57.41		TT 1730	
Dial 57.41			

Meas'd? Yes 157.41 No

Tape Indicator Max Cont = 156.4 Min

STARTED BY JSL
DATE 4-2-76

GH		Time	
OG		WT 1400	
IG		CT --00	
Tape 57.16		TT 1400	
Dial 57.16			

Meas'd? Yes 157.16 No

Tape Indicator Max Min

ION INSTRUCTIONS DATE 5-2-76

96 (RPD) P-2 Lower (STATION NUMBER)
1976 (YR) 04 (MO) 02 (DAY) 1400 (TIME)
076 05 03 1730
076 05 23 1720

INSP'D BY JSL #354
Date 4-8-76

GH	Time
OG	WT 1245
IG	CT --48
Tape 57.24	TT 1245
Dial 57.24	

Meas'd? Yes 157.24 No
Tape Indicator Min
Max

Tape #347
INSP'D BY JSL.
Date 4-15-76

GH	Time
OG	WT 1100
IG	CT --07
Tape 57.59	TT 1100
Dial 57.39	

Meas'd? Yes 157.59 No
Tape Indicator Min 156.60
Max
Core well

INSP'D BY JSL #338
Date 4-24-76

GH	Time
OG	WT 1006
IG	CT --14
Tape 57.09	TT 1000
Dial 57.09	

Meas'd? Yes 157.09 No
Tape Indicator Min 156.10
Max
Core Well

REMARKS (cont'd from Front):

9-1760 (Rev. 9-67)

U.S. DEPT. OF INTE

GEOLOGICAL SURVEY

Water Resources Div.

Well

Inspection of Digital Recorder

STATION P-1

STA. NO. P-1

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	4	4	76
TO	5	3	76

TAPE NO. BEGIN 425

TAPE NO. END 396

SEC

DATE

BATTERY VOLTAGE

CYCLING TIME

REMARKS

Cont. Remarks on Back

REMOVED BY JSL

DATE 5-3-76

GH	Time
	WT 1658
	CT --53
OG	TT 1545
IG 79.12	
Tape 79.12	Yes 279.12 No
Dial	
Meas'd?	

Tape Indicator Max Cme := Min 276.4

STARTED BY JSL

DATE

GH	Time
	WT 1045
	CT - 45
OG	TT 1045
IG 79.15	
Tape 79.15	Yes 279.15 No
Dial	
Meas'd?	

Tape Indicator Max Min

NSLATION INSTRUCTIONS DATE 5-7-76

JSL

P-1 (STATION NUMBER)

116 (RPD) 04 (MO) 04 (DAY) - 1545 (TIME)

176 (YR) 05 03 1545

026 05 03

ime

g

ch Time

INSP'D BY JSL
Date 4-8-76
GH
Time
WT 1202
CT --03
OG
IG
Tape 79.16
Dial 79.16
TT 1200
Meas'd? Yes ___ No ___
Tape Indicator 279.16
Max ___ Min ___

INSP'D BY JSL
Date 4-15-76
GH
Time
WT 1020
CT --20
OG
IG
Tape 79.42
Dial 79.42
TT 1015
Meas'd? Yes ___ No ___
Tape Indicator 279.42
Max ___ Min ___

INSP'D BY JSL
Date 4-24-76
GH
Time
WT 1029
CT --25
OG
IG
Tape 78.82
Dial 78.82
TT 1015
Meas'd? Yes ___ No ___
Tape Indicator 278.82
Max ___ Min ___

JSL
REMARKS (cont'd from Front): 4-29-76

0924
--20

78.89
78.84
0815
278.89
Tape # 408

✓

9-1760 (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

Viva!!

Inspection of Digital Recorder

STATION
STA. NO. F2 Upper

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	4	2	76
TO	5	3	76

TAPE NO. BEGIN 269
TAPE NO. END 238

SEC

DATE
BATTERY VOLTAGE
CYCLING TIME
REMARKS

Cont. Remarks on Back

REMOVED BY JSL
DATE 5-3-76
GH
Time
WT 1844
CT --53
OG
IG
TT 1100
Tape 114.08
Dial 114.08
Meas'd? Yes 4064.08 No ~~—~~
Tape Indicator
Max Core well blocked Min

STARTED BY JSL
DATE 4-2-76
GH
Time
WT 1407
CT -.07
OG
IG
TT 1400
Tape 113.78
Dial 113.78
Meas'd? Yes No
Tape Indicator
Max 103.78 Min

IONS 5-7-76
2 Upper (STATION NUMBER)
02 (DAY) 1400 (TIME)
5 03 1100
05 03 1845

INSP'D BY JSL #263
Date 4-8-76
GH
OG
IG
Tape 13.86
Dial 13.86
Meas'd?
Time
WT 1252
CT --52
π 1245
Yes — No —
Tape Indicator 103.86
Max — Min —

INSP'D BY JSL
Date 4-15-76
GH
OG
IG
Tape 14.25
Dial 14.25
Meas'd?
Time
WT 1058
CT --58
π 0400
Yes — No —
Tape Indicator 104.25
Max Tape #256 Min

INSP'D BY JSL #247
Date 4-24-76
GH
OG
IG
Tape 13.89
Dial 13.89
Meas'd?
Time
WT 1112
CT --14
π 0415
Yes — No —
Tape Indicator 103.89
Max changed Batt Min

REMARKS (cont'd from Front):

-1760 (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

Well

Inspection of Digital Recorder

STATION

STA. NO. P3

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	5	2	76
TO	5	3	76

TAPE NO. BEGIN 439

TAPE NO. END 408

SEC

DATE

BATTERY VOLTAGE

CYCLING TIME

REMARKS

Cont. Remarks on Back

REMOVED BY JS

DATE 5-3-76

GH

Time WT 1800 CT —1—10 TT 1210

OG

IG 94.47

Tape 94.47

Dial

Meas. dp?

Tape Indicator No Yes 494.47

Max Min

STARTED BY JS

DATE 5-2-76

GH

Time WT 1500 CT — 08 TT 1500

OG

IG 443.04

Tape 443.04

Dial 4

Meas. dp?

Tape Indicator No Yes 443.04

Max Min

STATION INSTRUCTIONS DATE 5-7-76

SL

P-3 (STATION NUMBER) 02 (DAY) — 1700 (TIME)

1/16 (RPD) 04 (MO) 03 02 1700

176 (YR) 05 02 1700

026 03

026

Time

Time

INSP'D BY JSL #433
Date 4-8-76
GH
Time
WT 1221
CT --26
OG
IG
Tape 93.23
Dial 93.23
TT 1215
Meas'd? Yes ___ No ___
Tape Indicator 493.23
Max ___ Min ___

INSP'D BY JSL
Date 4-15-76
GH
Time
WT 1035
CT --43
OG
IG
Tape 94.30
Dial 94.30
TT 10.30
Meas'd? Yes ___ No ___
Tape Indicator 494.30
Max ___ Min ___

INSP'D BY JSL #417
Date 4-24-76
GH
Time
WT 1048
CT --57
OG
IG
Tape 93.42
Dial 93.42
TT 1045
Meas'd? Yes ___ No ___
Tape Indicator 493.42
Max ___ Min ___
Changed Batt

REMARKS (cont'd from Front):

```
GROUNDWATER--P 3 TIME CORRECTED FOR DST

 DA  MO  YR    0600     1200     1800     2400     MAX      MIN      DAY

  2   4  76     0.00     0.00    93.06    93.05    93.06    93.04    93.05
  3   4  76    93.02    92.99    93.09    93.16    93.16    92.98    93.07
  4   4  76    93.10    93.14    93.24    93.32    93.32    93.13    93.22
  5   4  76    93.39    93.49    93.71    93.67    93.79    93.32    93.57
  6   4  76    93.64    93.63    93.64    93.62    93.65    93.60    93.63
  7   4  76    93.55    93.23    93.14    93.12    93.60    93.11    93.26
  8   4  76    93.11    93.13    93.43    93.66    93.75    93.11    93.33
  9   4  76    93.79    93.64    93.61    93.30    93.79    93.25    93.60
 10   4  76    93.21    93.12    93.17    93.26    93.26    93.10    93.19
 11   4  76    93.23    93.18    93.32    93.41    93.41    93.17    93.28
 12   4  76    93.44    93.45    93.61    93.79    93.82    93.41    93.57
 13   4  76    93.87    93.88    93.92    93.93    93.95    93.83    93.89
 14   4  76    93.82    93.88    93.92    93.94    93.96    93.82    93.89
 15   4  76    94.07    94.20    94.59    94.62    94.70    93.96    94.40
 16   4  76    94.70    94.70    94.64    94.34    94.73    94.24    94.59
 17   4  76    94.20    94.01    93.85    93.70    94.24    93.70    93.97
 18   4  76    93.67    93.60    93.61    93.59    93.69    93.57    93.62
 19   4  76    93.55    93.45    93.42    93.40    93.57    93.38    93.46
 20   4  76    93.37    93.38    93.59    93.75    93.79    93.37    93.52
 21   4  76    93.84    93.86    94.00    94.07    94.07    93.80    93.94
 22   4  76    94.16    94.22    94.25    94.32    94.36    94.07    94.24
 23   4  76    94.15    93.80    93.81    93.66    94.24    93.54    93.87
 24   4  76    93.50    93.43    93.54    93.71    93.75    93.42    93.54
 25   4  76    93.83    94.11    94.54    94.48    94.78    93.77    94.25
 26   4  76    94.55    94.49    94.42    94.33    94.56    94.27    94.45
 27   4  76    94.24    93.96    93.94    94.00    94.27    93.90    94.03
 28   4  76    93.97    93.86    93.91    93.96    93.99    93.85    93.92
 29   4  76    93.90    93.82    93.85    93.81    93.93    93.71    93.85
 30   4  76    93.64    93.48    93.47    93.53    93.76    93.44    93.53


  1   5  76    93.57    93.55    93.79    94.03    94.04    93.53    93.72
  2   5  76    94.06    94.09    94.22    94.35    94.35    94.04    94.15
  3   5  76    94.33    94.26    94.19    94.30    94.47    94.25    94.33
```

Groundwater P2-Lower Time corr. for DST

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
2	4	76	0.00	0.00	57.19	57.12	57.22	57.15	57.19
3	4	76	57.13	57.10	57.17	57.24	57.25	57.10	57.16
4	4	76	57.21	57.18	57.24	57.29	57.30	57.18	57.23
5	4	76	57.30	57.34	57.41	57.35	57.45	57.29	57.35
6	4	76	57.37	57.36	57.35	57.34	57.38	57.33	57.36
7	4	76	57.30	57.21	57.17	57.14	57.30	57.13	57.21
8	4	76	57.15	57.15	57.32	57.36	57.45	57.12	57.25
9	4	76	57.46	57.35	57.33	57.23	57.46	57.20	57.34
10	4	76	57.18	57.10	57.18	57.17	57.21	57.08	57.16
11	4	76	57.16	57.11	57.25	57.23	57.29	57.09	57.19
12	4	76	57.28	57.25	57.36	57.41	57.45	57.24	57.33
13	4	76	57.44	57.38	57.44	57.40	57.49	57.35	57.42
14	4	76	57.37	57.36	57.41	57.40	57.45	57.34	57.39
15	4	76	57.48	57.57	57.72	57.78	57.81	57.42	57.64
16	4	76	57.80	57.79	57.74	57.62	57.83	57.55	57.74
17	4	76	57.54	57.46	57.39	57.39	57.54	57.34	57.44
18	4	76	57.32	57.28	57.29	57.28	57.34	57.26	57.29
19	4	76	57.24	57.18	57.18	57.18	57.26	57.16	57.20
20	4	76	57.14	57.14	57.25	57.32	57.35	57.12	57.21
21	4	76	57.37	57.37	57.43	57.46	57.47	57.36	57.41
22	4	76	57.50	57.51	57.53	57.52	57.55	57.47	57.52
23	4	76	57.43	57.31	57.21	57.21	57.47	57.15	57.31
24	4	76	57.13	57.08	57.19	57.24	57.25	57.07	57.16
25	4	76	57.32	57.42	57.62	57.56	57.72	57.26	57.48
26	4	76	57.60	57.50	57.50	57.44	57.62	57.39	57.51
27	4	76	57.40	57.29	57.35	57.33	57.41	57.26	57.34
28	4	76	57.28	57.21	57.28	57.28	57.32	57.19	57.27
29	4	76	57.25	57.18	57.22	57.15	57.26	57.11	57.21
30	4	76	57.09	57.00	57.01	57.04	57.11	56.95	57.03
1	5	76	57.01	57.02	57.14	57.26	57.28	57.00	57.11
2	5	76	57.24	57.25	57.31	57.37	57.39	57.23	57.29
3	5	76	57.31	57.29	57.35	0.00	57.41	57.28	57.32

```
GROUNDWATER--P 2 UPPER TIME CORRECTED (IN DS)

 DA   MO   YR     0600      1200      1800      2400      MAX       MIN       DAY

  2    4   76     0.00      0.00     13.81     13.85     13.86     13.79     13.83
  3    4   76    13.86     13.80     13.81     13.90     13.90     13.79     13.83
  4    4   76    13.89     13.87     13.83     13.95     13.95     13.87     13.90
  5    4   76    13.96     13.99     14.02     14.02     14.04     13.95     14.00
  6    4   76    14.00     14.02     14.01     13.99     14.02     13.99     14.01
  7    4   76    13.90     13.91     13.95     13.95     13.99     13.84     13.91
  8    4   76    13.87     13.88     14.01     14.04     14.06     13.65     13.95
  9    4   76    14.00     14.04     14.04     13.93     14.00     13.90     14.02
 10    4   76    13.91     13.85     13.96     13.99     13.97     13.84     13.90
 11    4   76    13.91     13.91     14.07     14.08     14.03     13.85     13.95
 12    4   76    14.01     14.00     14.08     14.08     14.01     13.97     14.04
 13    4   76    14.07     14.07     14.08     14.07     14.08     14.05     14.07
 14    4   76    14.07     14.07     14.08     14.05     14.28     14.05     14.07
 15    4   76    14.19     14.37     14.44     14.44     14.45     14.02     14.35
 16    4   76    14.42     14.35     14.30     14.25     14.45     14.25     14.33
 17    4   76    14.16     14.11     14.11     14.10     14.24     14.09     14.13
 18    4   76    14.09     14.04     14.04     14.03     14.09     14.03     14.05
 19    4   76    14.00     13.98     13.97     13.96     14.00     13.95     13.98
 20    4   76    13.97     14.02     14.03     14.03     14.09     13.95     14.03
 21    4   76    14.00     14.05     14.03     14.00     14.06     14.00     14.08
 22    4   76    14.08     14.09     14.09     14.00     14.08     14.03     14.08
 23    4   76    14.08     14.00     13.99     13.95     14.03     13.92     14.02
 24    4   76    13.99     14.01     14.02     14.07     14.06     13.89     14.00
 25    4   76    14.09     14.22     14.29     14.31     14.36     14.03     14.23
 26    4   76    14.22     14.20     14.19     14.16     14.79     14.13     14.20
 27    4   76    14.06     14.07     14.08     14.07     14.12     14.04     14.07
 28    4   76    14.01     14.01     14.07     14.01     14.09     13.98     14.04
 29    4   76    13.99     14.06     13.94     13.92     14.01     13.50     13.97
 30    4   76    13.70     13.83     13.86     13.85     13.90     13.70     13.85
  1    5   76    13.97     13.96     14.04     14.01     14.04  [illegible]   13.97
  2        76  [illegible]  14.05     14.04     14.05     14.09     14.01     14.06
  3    5   76    14.00     14.05      0.00      0.00     14.06  [illegible]   14.08
GROUNDWATER--P 2 UPPER TIME CORRECTED (IN DS)
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OMETER--P I TIME CORRECTED FOR DST

	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
	4	76	0.00	79.15	79.19	79.11	79.21	79.15	79.19
	4	76	79.21	79.20	79.41	[illegible]	79.46	79.21	79.31
	4	76	79.30	79.33	79.33	[illegible]	79.51	79.24	79.33
	4	76	79.22	79.17	79.15	[illegible]	79.28	79.14	79.17
	4	76	79.14	79.14	79.20	79.31	79.33	79.14	79.20
	4	76	79.39	79.29	79.24	79.10	79.40	79.17	79.27
	4	76	79.16	79.11	79.14	79.15	79.17	79.10	79.14
	4	76	[illegible]	79.13	79.16	[illegible]	79.17	79.12	79.15
	4	76	79.18	79.18	79.23	[illegible]	79.32	79.11	79.23
	4	76	79.33	79.28	79.31	[illegible]	79.35	79.29	79.29
	4	76	79.24	79.20	79.21	[illegible]	79.42	79.19	79.21
	4	76	79.29	79.41	79.53	[illegible]	79.62	79.22	79.46
	4	76	79.01	79.59	79.53	79.37	79.62	79.20	79.52
7	4	76	79.27	79.16	79.16	[illegible]	79.30	79.13	79.19
8	4	76	79.10	79.00	79.01	79.06	79.13	78.99	79.03
9	4	76	78.98	78.93	78.93	[illegible]	78.95	78.92	78.95
0	4	76	78.91	78.92	79.02	[illegible]	79.10	78.90	79.00
1	4	76	79.16	79.16	79.19	79.26	79.30	79.15	79.18
2	4	76	79.21	79.21	79.21	79.21	79.22	79.10	79.21
3	4	76	79.17	79.13	79.09	[illegible]	79.13	78.89	79.08
4	4	76	78.88	78.84	78.92	[illegible]	78.99	78.82	78.90
5	4	76	79.07	79.15	79.30	[illegible]	79.40	78.99	79.19
6	4	76	79.30	79.20	79.19	[illegible]	79.31	79.16	79.21
7	4	76	79.15	79.01	79.02	[illegible]	79.16	78.97	79.05
	4	76	79.47	78.91	78.96	78.97	78.99	78.90	78.95
29	4	76	78.94	78.89	78.92	78.86	78.95	78.83	78.91
30	4	76	79.81	78.75	78.76	78.79	78.83	78.74	78.78
1	5	76	78.77	78.79	78.90	78.99	78.99	78.77	78.86
2	5	76	78.90	79.00	79.07	79.13	79.13	78.94	79.05
3	5	76	79.10	79.03	79.07	3.00	79.12	79.02	79.07

TRANSLATION INSTRUCTIONS
BY JSL DATE 6-4-76

Station Number	096 (RPD)	P-2 Upper (STATION NUMBER)		
Starting Tape Time	176 (YR)	05 (MO)	03 (DAY)	1845 (TIME)
Ending Tape Time	076	06	02	1330
Ending Watch Time	076	06	02	1330

STARTED BY JSL
DATE 5-3-76

GH		Time	
OG		WT	1852
IG		CT	--52
Tape	14.14		
Dial	14.14	TT	1845

Meas'd? Yes ___ No ___
Tape Indicator 104.08
Max ______ Min ______
Core Well blocked

REMOVED BY D. BOWMAN
DATE 6-2-76

GH		Time	
OG		WT	1335
IG		CT	41
Tape	14.02		
Dial	14.02	TT	

Meas'd? Yes X No ___
~~Tape Indicator~~ MEAS. = 100.07
Max ______ Min ______
CORE = 98.55

DATE ______
BATTERY VOLTAGE ______
CYCLING TIME ______ SEC
REMARKS 6/2 RESET
DIAL TO MEAS
3.45± HIGH ?
CABLE WAS OFF
GUIDE PULLY
Cont. Remarks on Back

Inspection of Digital Recorder
Well
STATION P2 ~~Lower~~ Upper
STA. NO. ______
PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	5	3	76
TO	6	2	76

TAPE NO. BEGIN 236
TAPE NO. END 206

INSP'D BY JJL
Date 5-13-76

GH	Time
tape OG 2.26	WT 1047
IG	CT --49
Tape 13.86	
Dial 13.86	TT 1045

Meas'd? Yes ___ No ___

Tape-Indicator 103.86

Max ______ Min ______

Core Well 100.90

INSP'D BY JSL
Date 3-20-76

GH	Time
OG	WT 1205
IG	CT --12
Tape 14.04	
Dial 14.04	TT 1215

Meas'd? Yes ___ No ___

Tape-Indicator 10304

Max ______ Min ______

Core = 101.50

INSP'D BY JSL
Date 5-26-76

GH	Time
OG	WT 1020
IG	CT --25
Tape 13.90	
Dial 13.90	TT 1015

Meas'd? Yes ___ No ___

Tape-Indicator 103.90

Max ______ Min ______

Core = 101.27

REMARKS (cont'd from Front): ______

★ GPO : 1973 O - 506-165

TRANSLATION INSTRUCTIONS

BY JSL DATE 6-4-76

Station Number	096 (RPD)	P-1 (STATION NUMBER)		
Starting Tape Time	176 (YR)	05 (MO)	03 (DAY)	1700 (TIME)
Ending Tape Time	076	06	03	1245
Ending Watch Time	076	06	03	1300

STARTED BY JSL

DATE 5-3-76

GH	Time
OG	WT 1703
IG	CT --03
Tape 79.13	
Dial 79.13	TT 1200

Meas'd? Yes __ No __

Tape Indicator 279.12

Max ____ Min ____

Core 276.4

REMOVED BY DWB

DATE 6-3-76

GH	Time
OG	WT 1257
IG	CT 56
Tape 78.95	
Dial 78.95	TT 1245

Meas'd? Yes __ No __

~~Tape Indicator~~ MEAS=279.85

Max ____ Min ____

DATE ____

BATTERY VOLTAGE ____

CYCLING TIME ____ SEC

REMARKS 6/3/76 CABLE
DEAD OUT OF HOLE
RESET RECORDER

Cont. Remarks on Back

9-1760 (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

Well

Inspection of Digital Recorder

STATION P-1

STA. NO. P-1

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	5	3	76
TO	6	3	76

TAPE NO. BEGIN 394

TAPE NO. END 393

INSP'D BY JSL CL
Date 5 [illegible]

GH	Time
OG Core =	WT 1120
IG 276.88	CT --10
Tape 78.76	
Dial 78.76	TT 1100

Meas'd? Yes___ No___
Tape Indicator 278.76
Max Tape Min 285
Changed battery

#377
INSP'D BY JSL CL
Date 5-20-76

GH	Time
OG	WT 1130
IG	CT --26
Tape 78.97	
Dial 78.97	TT 1130

Meas'd? Yes___ No___
Tape Indicator 278.97
Max___ Min___
Core = 277.60

INSP'D BY JSL
Date 5-26-76

GH	Time
OG	WT 1133
IG	CT --31
Tape 78.82	
Dial 78.82	TT 1130

Meas'd? Yes___ No___
Tape Indicator 278.82
Max___ Min___
Core = 277.23

REMARKS (cont'd from Front): 6/3/76 @245 DIAL 78.08
BEADS NOT IN HOLES – MOVED TO NEAREST HOLE –
DIAL 78.97

TRANSLATION INSTRUCTIONS

BY JSL DATE 6-4-76

Station Number	096 (RPD)	P-2 Lower (STATION NUMBER)		
Starting Tape Time	176 (YR)	05 (MO)	03 (DAY)	1830 (TIME)
Ending Tape Time	076	06	02	1315
Ending Watch Time	076	06	02	1315

STARTED BY JSL

DATE 5-3-76

GH		Time	
OG		WT	1838
IG		CT	-38
Tape	57.41		
Dial	57.41	TT	1830

Meas'd? Yes ___ No ___

Tape Indicator 157.41

Max ___ Min ___

Core = 156.4

REMOVED BY D BOWMAN

DATE 6-2-76

GH		Time	
OG		WT	1315
IG		CT	18
Tape	57.35		
Dial	57.35	TT	1316

Meas'd? Yes ___ No ___

MEAS = 156.73

Tape Indicator

Max ___ Min ___

CORE = 156.11

DATE ___

BATTERY VOLTAGE ___

CYCLING TIME ___ SEC

REMARKS 6/2

RESET

RECORDER TO

STEEL TAPE MEASUREMENT

WAS 0.62 HIGH

Cont. Remarks on Back

Water Resources Div.

Well

Inspection of Digital Recorder

STATION P2 Lower

STA. NO. ___

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	5	3	76
	6	2	76

TAPE NO. BEGIN 327

TAPE NO. END 297

INSP'D BY JSL CL
Date 5-13-76

GH	Time
OG Tape 1527	WT 1045
IG	CT - -47
Tape 57.05	
Dial 57.05	TT 1045

Meas'd? Yes ___ No ___

Tape Indicator 157.03

Max ___ Min ___

Core 157.53

INSP'D BY JSC
Date 5-20-76

GH	Time
OG	WT 1204
IG	CT - - 09
Tape 57.31	
Dial 57.31	TT 1200

Meas'd? Yes ___ No ___

Tape Indicator 157.31

Max ___ Min ___

Core = 157.12

INSP'D BY JSL
Date 5-26-76

GH	Time
OG	WT 1015
IG	CT - - 22
Tape 57.19	
Dial 57.19	TT 1015

Meas'd? Yes ___ No ___

Tape Indicator 157.19

Max ___ Min ___

Core = 157.27

REMARKS (cont'd from Front): ___

☆ GPO : 1973 O - 508-165

Mailed [illegible] [illegible]

Rec'd 6/[illegible]/76

[illegible]—P 2 LOWER

DA	MO	YR	0800	1200	1600	2400	MAX	MIN	DAY
3	5	76	0.00	0.00	0.00	57.24	57.43	7.41	55.24
4	5	76	57.37	57.37	57.42	[illegible]	57.42	57.36	57.41
5	5	76	57.44	57.44	57.43	[illegible]	57.50	57.42	57.46
6	5	76	57.42	57.23	57.29	[illegible]	57.45	57.25	57.34
7	5	76	57.24	57.18	57.22	57.21	57.26	57.17	57.21
8	5	76	57.21	57.18	57.26	57.26	57.29	57.17	57.23
9	5	76	57.27	57.21	57.26	57.15	57.28	57.15	57.23
10	5	76	57.17	57.11	57.21	57.11	57.24	57.09	57.18
11	5	76	57.24	57.24	57.31	57.16	57.36	57.17	57.26
12	5	76	57.16	57.05	57.08	57.13	57.17	57.01	57.10
13	5	76	57.07	57.07	57.47	57.21	57.25	57.05	57.14
14	5	76	57.26	57.28	57.40	57.41	57.54	57.24	57.37
15	5	76	57.16	57.27	57.16	57.16	57.52	57.11	57.26
16	5	76	57.09	57.08	57.12	57.13	57.24	57.07	57.13
17	5	76	57.13	57.18	57.35	57.34	57.36	57.10	57.25
18	5	76	57.35	57.35	57.47	57.45	57.48	57.34	57.40
19	5	76	57.42	57.37	57.39	57.41	57.44	57.29	57.40
20	5	76	57.45	57.34	57.32	57.22	57.48	57.27	57.33
21	5	76	57.30	57.27	57.30	57.13	57.31	57.26	57.29
22	5	76	57.22	57.31	57.37	57.37	57.39	57.29	57.33
23	5	76	57.35	57.30	57.39	57.31	57.42	57.28	57.36
24	5	76	57.40	57.42	57.43	57.41	57.47	57.30	57.38
25	5	76	57.45	57.42	57.49	57.42	57.52	57.35	57.45
26	5	76	57.40	57.21	57.36	57.24	57.35	57.18	57.27
27	5	76	57.23	57.19	57.32	57.41	57.42	57.17	57.29
28	5	76	57.47	57.45	57.57	57.58	57.62	57.39	57.49
29	5	76	57.56	57.47	57.51	57.52	57.54	57.45	57.51
30	5	76	57.47	57.46	57.49	57.47	57.51	57.42	57.47
31	5	76	57.41	57.35	57.38	[illegible]	[illegible]	57.24	57.39
1	[illegible]	76	57.16	57.37	57.37	[illegible]	57.48	57.31	57.37

```
ROUNDWATER--P 2 UPPER

 DA   MO   YR     0600     1200     1800     2400      MAX      MIN      DAY

  3    5   76     0.00     0.00     0.00    14.16    14.16    14.14    14.16
  4    5   76    14.17    14.15    14.16    14.19    14.19    14.15    14.16
  5    5   76    14.20    14.18    14.19    14.20    14.20    14.18    14.19
  6    5   76    14.19    14.13    14.07    14.05    14.20    14.05    14.11
  7    5   76    14.05    13.99    14.00    14.01    14.05    13.98    14.01
  8    5   76    14.01    13.98    14.03    14.05    14.06    13.97    14.02
  9    5   76    14.06    14.01    14.02    13.99    14.07    13.95    14.02
 10    5   76    13.97    13.91    13.97 [illegible] 14.04    13.90    13.97
 11    5   76    14.01    14.02    14.03    14.05    14.09    13.96    14.03
 12    5   76    13.95    13.87    13.85    13.95    13.98    13.79    13.90
 13    5   76    13.87    13.88    13.90    14.04    14.04    13.87    13.92
 14    5   76    14.02    14.03    14.05    14.08    14.08    14.02    14.05
 15    5   76    14.08    14.04    13.92    13.95    14.08    13.90    14.00
 16    5   76    13.89    13.88    13.88    13.90    13.95    13.87    13.91
 17    5   76    13.97    13.96    13.96    14.06    14.06    13.96    13.99
 18    5   76    14.08    14.07    14.09    14.09    14.09    14.07    14.08
 19    5   76    14.08    14.08    14.09    14.08    14.09    14.07    14.08
 20    5   76    14.08    14.04    14.05    14.05    14.06    14.04    14.06
 21    5   76    14.05    14.01    14.01    14.02    14.05    14.00    14.02
 22    5   76    14.03    14.02    14.04    14.03    14.05    14.02    14.03
 23    5   76    14.04    14.01    14.03    14.05    14.05    14.00    14.03
 24    5   76    14.04    14.09    14.07    14.11    14.11    14.02    14.06
 25    5   76    14.11    14.11    14.11    14.10    14.11    14.05    14.11
 26    5   76    14.04    13.93    13.93    14.00    14.05    13.80    13.98
 27    5   76    13.95    13.92    13.97    14.05    14.05    13.90    13.97
 28    5   76    14.05    14.06    14.08    14.08    14.08    14.05    14.07
 29    5   76    14.08    14.08    14.08    14.08    14.09    14.08    14.08
 30    5   76    14.08    14.03    14.08    14.03    14.08    14.03    14.03
 31    5   76    14.00    14.06    14.04    14.05    14.06    14.04    14.05
  1    6   76    14.06    14.04    14.03    14.07    14.09    14.03    14.05
```

Groundwater

DY	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
3	5	76	0.00	0.00	79.13	79.14	79.14	79.13	79.14
4	5	76	79.12	79.12	79.12	79.14	79.14	79.12	79.13
5	5	76	79.14	79.13	79.14	79.14	79.14	79.12	79.14
6	5	76	79.12	79.07	78.95	78.92	79.13	78.90	79.00
7	5	76	78.84	78.84	78.85	78.87	78.96	78.82	78.86
8	5	76	78.87	78.86	78.91	78.90	78.94	78.85	78.89
9	5	76	78.90	78.88	78.91	78.95	78.96	78.84	78.90
10	5	76	78.85	78.78	78.87	78.91	78.97	78.79	78.86
11	5	76	78.92	78.94	78.98	[illegible]	79.01	78.88	78.95
12	5	76	78.86	78.78	78.80	78.84	78.86	78.76	78.82
13	5	76	78.83	78.91	78.86	78.87	78.99	78.79	78.87
14	5	76	78.99	79.01	79.10	79.09	79.19	78.96	79.07
15	5	76	79.17	79.03	78.90	78.89	79.19	78.84	79.00
16	5	76	78.82	78.91	78.84	78.90	78.94	78.80	78.85
17	5	76	78.92	78.92	78.97	79.05	79.07	78.91	78.97
18	5	76	79.08	79.07	79.12	79.16	79.17	79.05	79.11
19	5	76	79.11	79.09	79.07	79.08	79.15	79.04	79.10
20	5	76	79.04	78.98	78.96	78.98	79.06	78.97	79.00
21	5	76	78.97	78.94	78.94	78.95	78.97	78.93	78.95
22	5	76	78.97	78.98	79.01	79.06	79.03	78.95	78.99
23	5	76	79.00	78.96	79.00	79.02	79.04	78.95	79.00
24	5	76	78.99	78.97	79.05	79.06	79.09	78.96	79.02
25	5	76	79.08	79.07	79.12	79.06	79.15	79.00	79.08
26	5	76	78.96	78.85	78.85	78.89	78.99	78.82	78.89
27	5	76	78.95	78.92	78.92	79.01	79.01	78.82	78.90
28	5	76	79.03	79.05	79.13	79.18	79.18	79.01	79.10
29	5	76	79.16	79.14	79.15	79.14	79.17	79.07	79.15
30	5	76	79.07	79.06	79.06	79.04	79.08	79.01	79.06
31	5	76	79.00	78.94	78.95	79.02	79.01	78.95	78.97
1	6	76	78.90	78.91	78.92	78.97	78.98	78.90	78.94
2	6	76	78.94	78.94	78.95	79.01	79.02	78.90	78.95

III. AIR RESOURCES

Preliminary Submission

AIR QUALITY DATA

PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

1 February 1976 - 30 April 1976

Submitted 1 July 1976

AeroVironment Inc.
145 Vista Avenue
Pasadena, California 91107

PREFACE

This volume is the seventh quarterly submission of data acquired during the air quality/meteorology/noise/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub. The quarter covered runs from 1 February 1976 through 30 April 1976.

This data is a preliminary submission and is subject to some editorial and technical changes. A final data submission will follow.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, ΔT, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
6. Root-mean-square variation in vertical wind speed, σw
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT
10. Relative Humidity, RH

B. Miscellaneous Data

1. Weather Log

Volume II - Air Quality

A. In order of site number

1. Total Sulfur, TS
2. Hydrogen Sulfide, H_2S
3. Sulfur Dioxide, SO_2
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Methane, CH_4
6. Hydrocarbons (methane-reduced), HC = THC-CH_4, expressed as $\mu g/m^3$ of CH_4
7. Carbon Monoxide, CO
8. Nitrogen Oxides, NO_x, expressed as $\mu g/m^3$ of NO_2
9. Nitric Oxide, NO - NO_x - NO
10. Nitrogen Dioxide, NO_2
11. Ozone, O_3
12. Scattering coefficient, b_s
13. Local Visual Range, L_v, derived from b_s

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation Dosage by Thermo-Luminescent Dosimetry
3. Gross Radiation of Particulates

Not all sites measure all of these parameters. A few isolated data records from some sites are missing pending further data verification.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled (1). Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

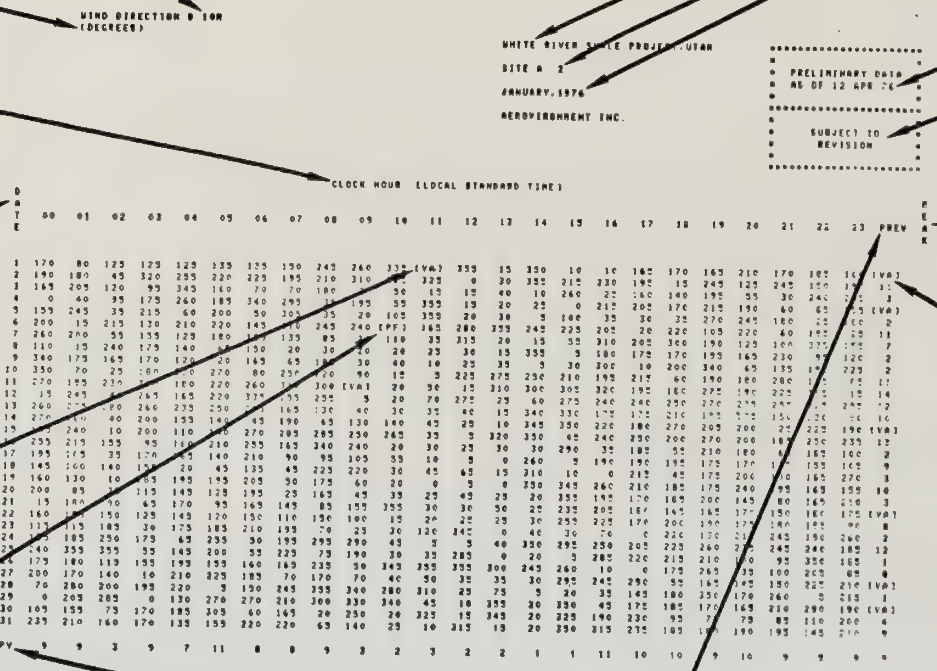
CA - Calibration
MT - Maintenance (changing paper, tape, filters)
FO - Flame out (on the gas chromatographs)
IM - Instrument malfunction, not discovered until after data had been collected.
PF - Power Failure (generator failure)
RF - Recording system failure (chart jams, runs out, tape punch fails)
LI - Local Interference (car nearby, contamination by generator)
OS - Off scale (at top of chart, data presumed good)
SE - Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)
VA - Variable wind direction
OR - Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.)

Key sheets are provided for three different cases to illustrate how the data is presented on the data sheets. These follow on the next three pages.

A. METEOROLOGY

1. SITE SPECIFIC

MONTHLY WIND DIRECTION SHEET KEY



WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH
SITE # 2
JANUARY, 1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 PREV
PEAK
(VA)
(PF)
PV

Altitude of measurements
(10 meters, 20 meters, or 30 meters)

Units are degrees of a circle 0 to 360
to the nearest 5 degrees.

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under hour "02" occurred during the period 0200 to 0300.

Day of the month.

"VA" stands for variable, which indicates no definite hourly average wind direction is possible.

Malfuncation code indicates reason for missing data (see abbreviation table).

Project location

Air quality site number.
(see map for location)

Monthly period which the data covers.

Date that the data was printed.

Changes may still be made to the data, based on later inputs.

Peak column is not used

"VA" stands for variable, which indicates no definite prevailing wind direction.

Monthly prevailing wind direction is divided into 16 sectors. Sector "1" indicates a prevailing direction between 348.5 and 11.0 degrees (22.5 degree sector) centered on North, Sector "2" corresponds to 11.5 to 34.0 degrees, centered on the NNE, etc.

MONTHLY WIND DIRECTION SHEET KEY

Altitude of measurements
(10 meters, 20 meters, or 30 meters)

Units are degrees of a circle 0 to 360
to the nearest 5 degrees.

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under hour "02" occurred during the period 0200 to 0300.

Day of the month.

"VA" stands for variable, which indicates no definite hourly average wind direction is possible.

Malfuncation code indicates reason for missing data (see abbreviation table).

Project location

Air quality site number.
(see map for location)

Monthly period which the data covers.

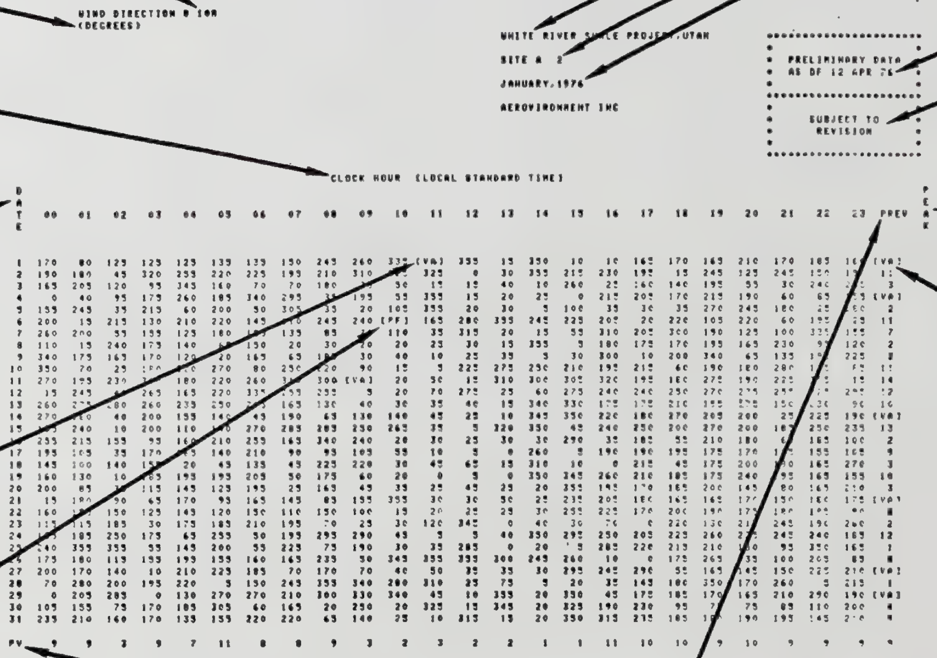
Date that the data was printed.

Changes may still be made to the data based on later inputs.

Peak column is not used

"VA" stands for variable, which indicates no definite prevailing wind direction.

Monthly prevailing wind direction is divided into 16 sectors. Sector "1" indicates a prevailing direction between 348.5 and 11.0 degrees (22.5 degree sector) centered on North, Sector "2" corresponds to 11.5 to 34.0 degrees, centered on the NNE, etc.



WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
JANUARY,1976
AEROVIRONMENT INC

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	170	80	125	125	125	135	135	150	245	260	335	(VA)	355	15	350	10	10	165	170	165	210	170	185	160	(VA)	
2	190	180	45	320	255	220	225	195	210	310	[illegible]	325	0	30	355	215	230	195	15	245	125	245	150	[illegible]	11	
3	165	205	120	95	345	160	70	70	180	[illegible]	50	15	15	40	10	260	25	160	140	195	55	30	240	[illegible]	3	
4	0	40	95	175	260	185	340	295	35	195	55	355	15	20	25	0	215	205	170	215	190	60	65	[illegible]	(VA)	
5	155	245	35	215	60	200	50	305	35	20	105	355	20	30	5	100	35	30	35	270	245	180	25	160	2	
6	200	15	215	130	210	220	145	[illegible]	245	240	(PF)	165	280	355	245	225	205	20	220	105	220	60	195	25	11	
7	260	200	55	155	125	180	[illegible]	135	85	[illegible]	110	35	315	20	15	55	310	205	300	190	125	100	335	155	7	
8	110	15	240	175	140	65	150	20	30	20	20	25	30	15	355	5	180	175	170	195	165	230	95	120	2	
9	340	175	165	170	120	20	165	65	[illegible]	30	40	10	25	35	5	30	300	10	200	340	65	135	[illegible]	225	8	
10	350	70	25	150	[illegible]	270	80	250	220	90	15	5	225	275	250	210	195	215	60	190	180	280	[illegible]	65	11	
11	270	195	230	[illegible]	180	220	260	[illegible]	300	(VA)	20	50	15	310	300	305	320	195	180	275	190	225	[illegible]	15	14	
12	15	245	[illegible]	265	165	220	335	255	255	5	20	70	275	25	60	275	240	240	250	270	275	255	[illegible]	295	12	
13	260	275	280	260	235	250	[illegible]	165	130	40	30	35	40	15	340	330	175	175	210	155	275	150	130	90	16	
14	270	[illegible]	40	200	155	140	45	190	65	130	140	45	25	10	345	350	220	180	270	205	200	25	225	190	(VA)	
15	[illegible]	240	10	200	110	[illegible]	270	285	285	250	265	35	5	320	350	45	240	250	200	270	200	[illegible]	250	235	13	
16	255	215	155	95	160	210	255	165	340	240	20	30	25	30	30	290	35	185	55	210	180	[illegible]	185	100	2	
17	195	105	35	170	[illegible]	140	210	90	95	105	55	10	5	0	260	5	190	190	195	175	170	[illegible]	155	165	9	
18	145	100	140	[illegible]	20	45	135	45	225	220	30	45	65	15	310	10	0	215	45	175	200	[illegible]	165	270	3	
19	160	130	10	[illegible]	195	195	205	50	175	60	20	0	5	0	350	345	260	210	185	175	240	[illegible]	165	155	10	
20	200	85	[illegible]	115	145	125	195	25	165	45	35	25	45	25	20	355	195	170	185	200	145	80	165	210	3	
21	15	190	90	65	170	95	165	145	85	155	355	30	30	50	25	235	205	180	165	165	170	150	180	175	(VA)	
22	160	[illegible]	150	125	145	120	150	110	150	100	15	20	25	25	30	255	225	170	200	190	175	180	185	90	8	
23	115	115	185	30	175	185	210	195	70	25	30	120	345	0	40	30	70	0	220	130	[illegible]	245	190	260	2	
24	[illegible]	185	250	175	65	255	50	195	295	290	45	5	5	40	350	295	250	205	225	260	[illegible]	245	240	185	12	
25	[illegible]	355	355	55	145	200	55	225	75	190	30	35	285	0	20	[illegible]	285	220	215	210	[illegible]	95	350	165	1	
26	175	180	115	155	195	155	160	165	235	50	345	355	355	300	245	260	10	0	175	265	[illegible]	100	205	85	8	
27	200	170	140	10	210	225	185	70	170	70	40	50	35	35	30	295	245	290	55	165	145	150	225	210	(VA)	
28	70	280	200	195	220	5	150	245	355	340	280	310	25	75	5	20	35	145	180	350	170	260	5	215	1	
29	0	205	285	0	130	270	270	210	300	330	340	45	10	355	20	330	45	175	185	170	165	210	290	190	(VA)	
30	105	155	75	170	185	305	60	165	20	250	20	325	15	345	20	325	190	230	95	[illegible]	75	85	110	200	4	
31	235	210	160	170	135	155	220	220	65	140	25	10	315	15	20	350	315	235	185	[illegible]	190	195	145	[illegible]	9	
PV	9	9	3	9	7	11	8	8	9	3	2	3	2	2	1	1	11	10	10	9	10	9	9	9	9	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	2.0	2.5	6.0	4.0	2.0	2.5	2.0	2.5	2.0	2.5	2.5	3.0	6.0
23	2.0	3.0	2.0	1.5	2.5	2.0	1.5	1.5	2.5	2.0	2.0	3.0	2.5	2.5	2.5	2.0	4.0	4.0	2.0	3.0	2.0	2.5	3.0	2.0	2.5	4.0
24	1.5	2.0	3.5	3.5	4.5	5.0	3.0	3.5	2.0	4.0	3.5	4.0	4.0	3.0	4.0	6.5	5.0	5.0	2.0	2.0	2.5	1.5	1.5	1.5	3.5	6.5
25	2.5	2.0	2.5	2.5	1.5	1.5	1.0	3.5	2.0	2.5	3.5	3.0	2.5	3.0	3.0	2.5	2.5	3.0	3.0	4.5	3.5	2.5	1.5	2.0	2.5	4.5
26	3.0	2.0	1.5	3.5	2.5	2.0	2.0	3.5	2.0	1.5	2.0	3.0	3.5	2.5	3.5	3.5	7.5	3.0	1.5	1.5	3.0	2.0	2.5	2.5	2.5	7.5
27	2.0	2.5	3.0	1.5	1.5	2.0	1.0	1.0	1.0	1.5	3.0	4.5	7.5	4.0	3.0	2.5	3.0	2.5	2.0	2.0	3.0	2.5	2.5	2.0	2.5	7.5
28	3.0	1.5	2.0	2.0	3.0	2.0	2.5	1.5	4.0	2.5	3.0	2.0	4.0	2.0	5.0	10.5	9.0	9.0	9.0	7.5	6.5	7.5	7.5	6.0	4.5	10.5
29	2.5	3.0	3.0	4.5	4.0	4.0	4.0	3.5	3.5	5.0	7.0	15.0	15.0	15.0	15.0	10.0	10.0	11.0	10.0	10.0	7.0	5.5	11.0	5.0	7.5	15.0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	2.5	2.5	2.5	2.5	3.0	2.5	2.0	2.5	2.5	2.5	3.5	5.0	5.5	4.5	5.0	5.5	5.5	5.0	4.0	4.0	4.0	3.5	4.0	3.0	3.5	[ ]
SD	.5	.5	.7	1.1	1.1	1.2	1.0	1.1	.9	1.2	1.6	4.2	4.2	4.1	3.9	3.2	2.7	3.1	3.2	2.9	1.8	2.0	3.2	1.5	1.7	[ ]

```
WIND SPEED @ 10M
(MILES/HOUR)
                                                            WHITE RIVER SHALE PROJECT,UTAH        *********************
                                                                                                  *                   *
                                                            SITE A  1                             *  PRELIMINARY DATA *
                                                                                                  *  AS OF 01/JUL/76  *
                                                            MARCH,1976                            *                   *
                                                                                                  *********************
                                                            AEROVIRONMENT INC.                    *                   *
                                                                                                  *    SUBJECT TO     *
                                                                                                  *     REVISION      *
                                                                                                  *                   *
                                                                                                  *********************

                                           CLOCK HOUR  (LOCAL STANDARD TIME)
 D
 A                                                                                                                        P
 T   00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23  AVE   E
 E                                                                                                                        A
                                                                                                                          K

  1  6.0   4.5  15.5  12.0  10.5  10.0   8.0   7.5  11.0  16.0  17.5  17.0  19.0  22.0  20.5  21.5  19.5  19.0  18.5  10.0   5.0   2.0   1.0   1.012.5 22.0
  2  1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   2.5   5.0   4.5   6.5   4.5   4.5   5.5   1.0   1.5   2.0   1.0   1.0   1.0   1.0   1.0 2.0  6.5
  3  1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   2.0   2.5   2.0   2.0   3.0   5.0   4.0   3.5   3.5   4.0   4.0   2.0   3.0 2.0  5.0
  4  2.5   2.5   2.0   2.0   2.5   2.5   2.0   2.0   1.5   2.0   3.0   6.0   6.0   5.0   3.0   3.5   4.0   3.5   3.5   3.0   1.5   3.0   3.0   3.0 3.0  6.0
  5  2.5   1.5   2.0   3.0   2.5   1.5   2.5   2.0   2.0   2.5   2.0   3.0   3.5   1.5   2.5   2.5   5.0   3.0   2.0   2.0   1.5   2.0   2.5   2.0 2.5  5.0
  6  2.0   2.0   2.5   3.0   2.0   2.5   2.0   2.5   1.5   3.5   3.0   2.0   3.0   3.0   2.5   2.0   2.5   2.0   2.0   2.0   3.0   2.5   3.0   3.0 2.5  3.5
  7  3.5   1.5   2.0   2.0   1.5   1.5   1.5   2.5   2.0   2.5   2.5   2.0   2.5   2.5   2.0   3.5   4.0   3.0   3.5   2.5   2.0   2.5   1.5   2.0 2.5  4.0
  8  1.5   2.5   1.5   2.0   2.5   3.0   1.5   1.0   2.0   3.0   2.5   2.0   2.5   1.5   2.5   3.0   3.5   3.0   3.5   3.0   1.5   1.0   2.5   1.5 2.5  3.5
  9  1.0   1.0   1.0   1.5   1.5   1.0   1.5   1.0   1.5   2.0   2.5   2.0   1.5   1.5   1.5   3.5   2.5   2.0   3.0   1.5   1.0   3.0   1.0   1.5 1.5  3.5
 10  2.5   2.5   1.5   2.0   1.5   2.0   1.0   1.5   2.5   2.0   2.5   2.5   3.0   3.0   2.0   2.0   2.0   3.0   2.5   1.5   1.5   2.0   3.0   4.0 2.0  4.0
 11  2.0   3.5   2.0   2.5   5.5   6.5   6.5   4.5   4.5   5.0   5.5   3.0   5.0   6.5   8.5  11.0  13.0  16.0  15.5  11.0   6.5   3.0   2.0   2.5 6.5 16.0
 12  5.0   6.5   5.5   4.5   6.5   4.5   4.5   5.0   4.5   6.0   4.5   4.5   3.5   3.5   3.5   4.0   5.5   5.5   3.5   3.0   1.5   2.5   3.0   3.0 4.5  6.5
 13  2.5   3.0   2.5   2.0   2.0   2.0   3.0   2.0   2.0   2.0   2.0   3.5   5.0   6.0   5.5   3.5   4.5   2.0   2.0   2.0   3.0   1.5   2.5   3.0 3.0  6.0
 14  5.0   2.5   2.5   2.5   2.0   2.0   2.0   3.0   3.5   3.0   3.0   4.0   4.5   4.0   4.5   5.5  12.0  10.0  14.5  13.0   6.5   3.0   2.5   2.5 5.0 14.5
 15  2.0   2.5   4.5   1.5   2.0   5.5   3.5   3.0   3.5   5.5   5.0   4.5   4.0   4.0   5.0   4.5   3.0   3.5   2.5   2.5   4.0   3.5   1.5   2.5 3.5  5.5
 16  3.0   3.0   2.0   4.0   3.0   2.0   3.5   3.5   3.0   2.0   3.5   4.0   5.0   3.0   3.0   3.0   2.5   3.0   2.0   2.5   2.0   2.0   2.0   2.0 3.0  5.0
 17  1.5   2.5   2.0   2.0   1.5   1.0   1.0   1.0   1.5   2.5   1.0   1.0   1.0   2.5   3.5   3.5   3.5   1.0   1.0   3.0   2.5   2.0   3.0   1.5 2.0  3.5
 18  1.5   1.5   2.0   2.0   1.0   1.0   1.5   3.5   3.5   2.0   2.5   3.0   2.0  10.0  14.5  12.5  12.0   8.5  12.5  15.0  14.0  11.0   7.0   9.0 6.5 15.0
 19  9.5  10.0  10.0  10.0  12.0  10.0  14.5  15.0  15.0  14.5  17.0  17.0  15.0  13.5  14.5  15.0  14.0  16.0  12.0  12.0   9.5   6.5   4.5   3.512.0 17.0
 20  6.5   8.5   8.5   8.0   9.0   8.5   9.5   8.0   7.5  10.0   8.5   8.5   6.0   8.5   7.0   6.0   6.5   9.0   6.0   4.0   3.5   4.0   3.0   2.5 7.0 10.0
 21  3.5   3.5   2.5   4.5   4.0   3.5   3.0   6.5  10.0  14.5  14.5  13.5  13.5  12.5  11.0   9.5  12.0  11.0   7.5   5.0   3.0   4.5   3.5   2.5 7.5 14.5
 22  2.5   2.5   3.0   2.5   3.0   3.5   1.5   2.5   3.0   2.5   3.5   5.5   5.5   5.5   4.0   4.5  13.0  11.0   6.0   5.0   3.0   3.0   6.5   7.0 4.5 13.0
 23  8.0  10.0  10.0   6.5   7.0   2.5   5.5   3.0   4.0   5.0   7.0   6.0  14.5  14.0  14.0  12.0  12.0   7.5   6.0   4.5   4.0   3.0   3.0   3.0 7.0 14.5
 24  3.5   4.0   3.0   5.0   4.0   6.0   3.0   3.0   4.0   3.0   3.5   6.0   4.5  11.0  14.0  13.5  12.0  10.5   8.0   8.0  15.5  15.0  17.0  16.0 8.0 17.0
 25 15.5  13.5  16.0  15.5  13.5  12.0   7.0  12.5  11.5   9.5  11.0   5.0   6.5   5.5  10.0   9.0   9.0   6.0   3.5   3.0   7.0   2.5   2.5   2.5 8.5 16.0
 26  2.5   2.5   4.0   3.0   2.5   2.5   1.5   2.0   2.0   4.5   7.0   7.0   5.0   4.5   5.0   5.0   7.0  10.0  13.0  13.0   7.5   5.0   5.0   7.0 5.5 13.0
 27  6.5   4.0   4.5   7.5   7.5   8.0   7.5   4.5   7.0   7.0   7.0   6.5   9.5  16.0  14.0  14.5  11.0   9.5  11.0   5.0   4.0   4.0   7.0   7.0 8.0 16.0
 28  8.5   6.5   4.0   6.5   4.5   6.5   5.5   3.0   3.5   3.5   4.5   7.0   6.0   6.5   7.0   7.5   7.5   8.0  11.5   8.0   6.5   4.5   2.5   2.5 6.0 11.5
 29  2.5   2.0   3.0   2.5   2.5   2.0   2.5   2.0   2.5   3.0   5.5   8.5   6.5   9.0   8.0   9.0   9.5  12.5   9.5   9.0  12.0  10.0   6.0   4.0 6.0 12.5
 30  4.0   5.5   5.0   7.5   3.5   4.0   3.0   3.5   4.5   3.5   6.5   7.5   5.5   5.5   6.0   4.5   4.0   4.5   4.5   3.0   4.0   5.5   6.0   7.0 5.0  7.5
 31  3.5   2.5   2.5   2.0   1.5   3.0   2.0   2.0   3.0   3.5   4.0   5.5   6.0   4.5   5.0   6.0   3.5  10.0  10.5   6.5   5.0   7.0   4.0   2.5 4.5 10.5

 AV  4.0   4.0   4.0   4.0   4.0   4.0   3.5   3.5   4.0   5.0   5.5   5.5   6.0   6.5   7.0   7.0   7.5   7.0   6.5   5.5   4.5   4.0   3.5   3.5 5.0 [  ]
 SD  3.1   3.0   3.8   3.4   3.3   3.0   3.0   3.2   3.4   3.9   4.2   3.9   4.1   4.8   4.8   4.7   4.6   4.7   4.8   3.9   3.7   3.0   3.0   3.0 2.8 [  ]

OUTPT  [VERSION N   26 APR 76]
```

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A I

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	3.5	2.5	3.5	3.0	2.5	3.0	2.5	3.0	4.5	14.0	16.5	17.5	17.5	20.0	22.0	19.5	18.5	12.5	9.0	8.0	5.5	4.0	4.0	9.0	22.0
2	3.0	3.0	3.5	3.5	2.5	2.5	2.5	2.5	2.0	4.5	4.0	5.5	4.5	8.0	7.0	6.5	7.0	5.5	4.0	3.0	4.0	3.0	3.0	3.0	4.0	8.0
3	3.5	3.0	3.0	3.0	2.5	3.0	2.0	2.5	2.5	3.5	4.5	4.0	4.0	5.5	7.5	6.5	7.5	5.5	4.0	2.5	4.0	3.0	2.5	2.5	4.0	7.5
4	2.5	4.0	3.5	3.0	2.5	4.5	2.0	2.5	3.5	3.0	3.5	3.5	5.0	6.5	6.5	11.5	9.5	4.5	2.5	4.0	5.5	6.0	3.5	3.5	4.5	11.5
5	3.5	3.0	2.0	2.5	1.5	2.0	1.0	2.5	3.5	3.0	3.0	5.5	5.0	6.0	6.5	15.5	10.0	7.5	12.0	7.0	5.5	9.5	11.5	12.5	6.0	15.5
6	13.0	7.0	7.5	11.0	4.5	5.5	5.5	6.0	6.0	10.5	10.5	12.0	13.0	14.0	14.5	12.0	12.0	10.5	8.0	9.0	6.5	6.5	6.5	2.5	9.0	14.5
7	1.5	4.0	2.0	3.0	2.0	1.5	2.0	3.5	6.5	8.0	5.0	5.5	6.5	7.0	7.0	9.0	7.5	8.5	9.0	4.5	4.0	3.5	4.5	2.5	5.0	9.0
8	2.0	2.0	1.5	2.0	2.0	1.5	1.5	1.5	3.5	3.0	4.0	4.5	4.5	6.0	5.5	7.5	11.0	9.0	7.5	4.0	3.5	3.5	4.5	4.0	4.0	11.0
9	3.5	6.5	7.0	3.5	3.0	3.5	3.0	2.5	4.5	8.0	14.5	13.0	10.5	8.5	9.5	9.5	8.0	8.5	7.0	6.5	3.5	1.5	3.0	4.0	6.5	14.5
10	3.5	3.5	3.5	3.5	2.5	3.0	2.0	1.0	2.0	3.0	3.5	4.5	5.0	5.0	6.0	5.0	7.5	6.0	3.5	2.0	2.5	2.5	2.0	2.5	3.5	7.5
11	2.5	2.0	1.5	2.0	2.0	2.0	1.0	1.5	1.5	2.0	2.5	3.5	3.0	13.0	14.5	13.0	12.0	11.5	10.0	4.5	5.0	4.5	4.0	2.0	5.0	14.5
12	2.5	6.0	8.0	7.0	6.5	7.5	9.5	7.5	3.5	11.5	13.5	13.5	16.5	13.0	7.0	9.0	12.0	11.5	13.0	12.0	13.5	17.0	13.0	9.0	10.0	17.0
13	5.0	8.5	7.5	4.0	6.5	7.0	4.5	5.0	16.5	16.0	14.5	17.5	15.5	17.5	14.5	11.5	13.0	12.0	8.5	4.0	3.5	2.5	2.0	2.0	9.0	17.5
14	3.0	4.0	2.0	2.5	2.5	4.0	3.0	2.5	4.5	8.5	6.5	13.0	10.5	6.5	8.0	7.0	5.5	3.0	11.5	4.0	4.0	4.5	4.5	4.0	5.5	13.0
15	8.0	8.0	4.5	3.5	5.0	9.5	7.5	9.5	12.5	13.5	13.5	13.5	17.0	17.0	16.0	16.0	16.0	15.5	15.0	14.0	7.5	3.5	4.0	2.0	10.5	17.0
16	2.0	4.0	5.0	2.0	4.5	4.0	3.5	4.0	5.5	5.0	6.5	6.5	8.5	7.5	6.5	7.5	14.0	15.5	8.5	6.5	3.5	5.0	5.5	2.0	6.0	15.5
17	9.0	8.5	3.5	2.5	5.0	3.5	5.0	5.5	3.5	3.0	2.0	2.5	4.5	6.5	6.0	6.0	5.0	4.5	4.5	4.0	3.5	5.5	5.5	6.5	5.0	9.0
18	5.5	3.0	4.0	4.0	2.5	2.5	3.0	2.0	3.5	4.0	4.0	5.0	9.5	11.0	13.5	10.5	10.5	7.5	8.5	6.0	8.5	7.0	4.0	5.0	6.0	13.5
19	5.0	4.0	2.0	3.0	3.0	2.5	1.5	2.0	3.0	5.5	6.5	5.0	5.5	5.5	8.0	5.0	5.0	4.5	2.0	8.0	7.5	8.0	6.0	5.0	4.5	8.0
20	3.0	4.5	4.5	2.5	2.5	2.0	1.5	3.0	3.5	4.0	5.0	6.0	6.0	6.0	5.5	5.5	6.0	6.0	7.0	5.0	3.0	4.0	4.5	6.5	4.5	7.0
21	6.5	7.0	5.0	3.5	2.0	3.0	2.5	3.5	3.0	4.0	7.0	11.5	13.0	13.0	9.0	10.5	9.5	5.0	5.5	5.0	3.0	4.0	5.0	4.5	6.0	13.0
22	5.5	5.0	2.0	3.0	2.5	4.0	6.0	6.5	13.5	14.5	17.0	16.5	17.0	10.0	5.0	7.0	7.5	10.5	12.5	10.0	9.0	9.5	4.5	6.5	8.5	17.0
23	3.5	7.5	8.5	5.0	7.5	7.0	9.5	11.0	9.5	8.5	9.0	11.0	12.0	11.5	12.0	10.0	9.0	10.0	9.5	9.0	5.5	3.5	2.0	3.5	8.0	12.0
24	2.5	3.0	3.0	3.5	2.0	2.0	2.0	2.5	3.0	3.0	4.0	5.0	5.5	6.0	5.0	5.0	4.5	3.5	3.5	3.0	3.5	7.0	7.0	7.0	4.0	7.0
25	5.0	5.0	4.0	3.0	3.0	4.0	9.5	11.0	6.5	7.0	6.0	5.5	11.5	19.0	21.5	18.5	16.0	11.0	5.0	5.0	6.0	4.0	2.5	2.5	8.0	21.5
26	7.5	7.0	8.0	10.0	7.5	8.5	11.0	9.0	6.5	7.0	8.0	8.0	6.0	8.5	9.5	6.5	7.5	7.5	5.0	2.0	4.0	2.5	2.5	2.5	7.0	11.0
27	2.0	4.5	3.5	3.0	3.0	3.0	4.0	4.5	3.0	3.5	4.5	5.5	6.0	7.0	6.0	6.0	5.0	9.5	9.5	4.5	3.0	2.0	2.5	2.5	4.5	9.5
28	1.0	2.0	1.5	1.5	2.0	2.0	1.5	2.0	2.5	3.5	3.5	5.5	6.0	7.0	6.0	7.0	5.5	6.5	4.5	4.5	4.0	4.5	3.5	3.5	4.0	7.0
29	3.5	2.5	2.5	1.5	2.5	2.5	2.0	3.0	3.0	4.5	4.5	5.5	7.5	6.0	6.5	6.5	17.0	13.0	16.5	8.5	4.5	4.5	8.0	3.5	6.0	17.0
30	3.0	2.5	2.5	4.0	4.0	4.0	1.5	5.0	7.5	9.5	11.0	12.0	12.5	10.0	9.0	9.5	11.0	10.5	8.5	7.0	3.5	3.5	4.5	4.0	6.5	12.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	4.0	4.5	4.0	3.5	3.5	4.0	4.0	4.5	5.0	6.5	7.0	8.0	9.0	9.5	9.5	9.5	9.5	9.0	8.0	6.0	5.0	5.0	4.5	4.0	6.0	[ ]
SD	2.5	2.0	2.1	2.1	1.7	2.1	2.8	2.8	3.5	3.7	4.2	4.4	4.5	4.1	4.4	4.1	3.9	3.7	3.7	2.9	2.4	3.0	2.5	2.3	2.0	[ ]

OUTPT [VERSION N 26 APR 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	340	50	45	10	345	80	45	225	30	265	160	145	65	5	230	245	265	230	240	170	10	280	215	160	11	
2	0	65	350	25	315	340	45	5	25	130	80	175	60	125	185	250	255	215	165	155	195	290	0	90	1	
3	335	325	55	335	60	325	15	30	60	165	150	145	145	230	210	225	205	220	180	155	190	190	180	255	9	
4	175	215	145	175	170	170	170	165	155	170	180	175	180	180	170	180	185	180	160	155	160	175	190	285	8	
5	185	180	180	180	180	10	20	25	40	75	65	95	60	60	330	75	25	50	50	60	45	55	70	55	3	
6	15	60	60	60	65	50	10	10	10	345	40	320	265	255	265	290	255	250	5	320	225	260	240	260	[VA]	
7	255	255	260	10	305	355	260	250	270	270	260	250	255	260	255	260	255	345	265	240	195	195	215	335	12	
8	30	175	150	175	205	195	185	200	205	255	255	255	245	245	235	265	255	255	255	245	265	340	250	235	12	
9	200	200	215	240	300	280	230	235	280	255	320	250	260	250	235	350	255	255	215	185	205	225	185	55	[VA]	
10	110	10	0	260	0	345	290	5	0	175	250	210	20	345	10	345	210	155	80	115	185	350	355	10	1	
11	20	140	25	55	340	130	245	175	255	160	190	230	240	250	355	160	120	45	345	295	325	300	340	0	16	
12	325	315	210	330	25	335	335	340	290	350	65	55	60	230	20	40	50	55	30	335	15	35	315	325	3	
13	355	160	245	355	330	335	340	345	275	305	355	335	40	45	45	45	50	20	70	170	330	345	30	335	16	
14	50	330	35	0	5	315	60	35	225	335	5	45	230	90	135	315	10	35	155	170	250	140	190	185	3	
15	185	330	225	190	340	205	315	350	15	5	325	275	30	310	105	20	350	25	30	270	285	5	35	210	1	
16	210	190	210	175	205	195	195	200	320	65	60	65	260	175	160	40	85	350	220	180	15	350	355	15	[VA]	
17	355	10	20	35	45	50	105	45	15	30	50	40	60	20	75	40	60	10	305	160	190	150	190	170	[VA]	
18	210	275	275	160	235	135	170	310	0	40	25	20	40	30	45	355	40	10	340	330	260	170	200	285	3	
19	235	200	340	320	215	5	315	320	330	345	60	55	60	195	170	0	145	40	55	0	55	35	340	80	16	
20	120	105	75	20	235	195	105	135	130	160	160	140	175	180	195	195	175	175	185	165	165	150	175	165	[VA]	
21	180	205	145	195	215	205	215	130	285	260	195	190	195	160	190	200	185	185	290	180	165	145	245	250	10	
22	175	275	250	80	240	185	230	220	295	310	220	300	190	170	185	195	150	115	320	330	170	175	170	175	9	
23	180	200	190	245	195	155	30	160	185	295	275	20	205	190	200	85	90	65	15	285	325	330	175	195	9	
24	140	335	195	210	265	170	265	165	220	285	95	35	110	175	170	175	175	175	265	290	190	180	200	225	9	
25	245	315	150	165	190	160	205	135	295	305	335	350	230	165	175	145	30	345	220	155	180	320	290	335	8	
26	355	65	220	195	300	180	190	240	185	325	275	125	210	235	40	50	165	310	150	200	340	280	110	235	10	
27	250	205	170	205	165	225	325	335	280	205	330	295	170	190	325	285	65	5	280	155	305	310	155	245	15	
28	180	300	180	210	205	230	180	200	275	325	335	95	190	235	25	10	10	0	345	345	150	155	160	175	9	
29	205	245	200	275	220	185	250	320	195	55	15	335	345	345	335	345	350	350	345	345	340	10	5	10	[VA]	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	10	10	9	11	[VA]	9	16	[VA]	[VA]	4	3	[VA]	9	9	[VA]	9	1	16	9	9	9	9	9	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	35	0	345	345	345	350	350	0	335	350	355	350	5	355	0	0	350	350	20	35	345	335	335	15	1	
2	10	20	210	210	210	210	210	210	200	165	165	150	120	155	105	135	40	25	0	70	30	295	165	220	10	
3	200	190	280	225	205	180	205	220	190	230	215	220	260	215	235	185	50	25	205	205	270	170	115	240	10	
4	25	320	325	245	175	180	170	165	195	280	165	140	175	200	250	200	235	255	215	265	180	205	20	310	[VA]	
5	200	185	170	195	240	165	210	195	305	305	275	285	200	235	190	145	200	20	335	190	155	185	155	195	9	
6	230	270	300	230	285	150	195	295	275	310	290	245	285	330	15	270	175	30	310	205	235	290	210	210	14	
7	175	200	280	310	175	345	220	200	305	255	300	325	260	205	215	200	185	160	25	355	340	355	185	170	10	
8	210	230	250	225	170	255	200	285	295	315	295	305	255	165	355	45	25	355	340	350	260	325	170	200	[VA]	
9	195	345	180	255	155	165	190	220	225	295	305	350	300	165	110	65	20	25	295	265	330	220	165	275	[VA]	
10	205	210	150	260	230	275	130	170	275	300	305	325	350	0	170	190	10	5	315	255	315	320	215	285	15	
11	200	15	325	265	210	170	90	10	185	190	185	345	260	85	20	20	30	40	70	45	10	330	335	190	2	
12	180	225	245	250	240	240	275	265	245	260	205	205	260	150	105	150	140	155	195	325	245	150	160	175	12	
13	170	245	185	145	190	245	250	295	260	230	180	190	150	130	125	145	135	70	330	250	195	160	295	295	9	
14	215	320	0	340	355	345	235	230	250	355	295	205	180	190	340	350	40	20	45	35	195	285	260	170	[VA]	
15	170	255	245	200	245	220	200	175	265	50	50	0	350	295	295	340	295	270	250	195	175	190	310	290	[VA]	
16	195	190	210	225	260	225	195	235	295	245	355	330	190	195	215	280	60	340	320	290	175	195	260	250	10	
17	260	170	180	190	255	140	85	85	345	280	240	260	220	135	80	160	185	180	325	295	180	190	85	195	9	
18	150	310	185	180	180	180	320	240	305	295	300	325	325	0	340	330	355	335	340	335	345	335	350	350	16	
19	340	335	350	350	325	40	55	50	50	50	40	45	40	355	40	30	35	40	35	35	55	355	40	80	3	
20	65	35	40	45	50	55	25	35	55	50	45	35	85	355	15	40	50	5	350	350	170	195	215	225	3	
21	330	345	225	160	155	140	290	10	30	70	30	45	25	15	80	50	35	45	30	30	120	220	185	180	[VA]	
22	205	220	200	260	140	265	150	285	275	305	235	205	210	205	260	85	335	335	345	310	140	165	170	170	10	
23	295	350	355	45	5	335	140	345	10	20	65	45	30	35	30	5	5	285	30	120	130	340	330	250	1	
24	190	180	185	195	190	235	165	195	250	285	265	115	80	10	10	10	5	0	340	330	340	340	345	345	[VA]	
25	345	345	350	345	350	340	160	35	30	75	190	235	255	245	210	235	210	15	245	65	60	15	340	310	16	
26	305	270	195	175	170	165	250	255	230	255	340	345	315	335	5	275	300	335	330	335	315	310	175	160	[VA]	
27	165	165	170	160	170	190	185	220	190	185	160	90	50	20	15	5	345	75	195	345	320	190	165	115	9	
28	60	30	340	35	5	5	55	265	240	340	290	20	25	235	330	215	160	165	160	160	175	200	230	200	[VA]	
29	175	205	175	180	205	195	190	255	270	305	195	160	215	175	195	165	170	165	165	145	160	160	140	110	9	
30	75	5	40	65	315	150	180	270	185	300	35	55	105	130	90	285	280	180	200	225	225	180	170	165	9	
31	200	195	170	90	320	260	185	310	205	270	205	85	160	115	175	165	150	340	350	335	325	155	190	205	9	
PV	[VA]	[VA]	[VA]	[VA]	9	[VA]	9	11	[VA]	14	14	15	13	1	1	[VA]	[VA]	2	16	16	[VA]	9	9	[VA]	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	165	180	195	175	200	235	195	245	300	165	340	355	345	355	350	5	5	0	355	345	340	305	165	355	16	
2	300	210	195	165	175	215	230	205	310	345	230	170	160	175	190	190	165	130	160	185	190	195	235	245	9	
3	210	200	195	200	240	200	215	250	225	320	355	300	225	175	165	175	160	165	155	240	140	180	210	185	9	
4	330	190	235	205	230	190	235	290	290	320	320	245	190	120	185	25	350	205	140	160	165	160	205	205	[VA]	
5	195	195	190	150	215	195	310	250	345	320	230	175	235	270	230	335	0	300	355	315	315	340	330	325	16	
6	320	315	295	340	235	340	330	350	340	350	355	355	355	345	345	350	30	0	345	15	330	340	335	350	[VA]	
7	320	345	330	150	180	235	285	345	25	75	50	345	200	195	210	210	220	210	205	220	240	260	185	165	10	
8	180	220	240	290	190	145	210	255	170	185	225	200	140	155	270	210	315	330	325	240	140	170	165	180	9	
9	170	235	210	240	225	160	210	195	210	290	40	15	30	310	320	10	275	240	285	285	20	270	145	205	10	
10	210	160	175	195	270	230	200	190	260	215	225	350	165	60	190	160	150	165	180	260	165	170	235	355	9	
11	205	230	165	255	200	280	210	295	270	240	300	265	225	300	340	330	340	315	320	315	140	155	235	255	15	
12	225	195	180	195	200	210	150	150	180	315	330	310	335	340	300	280	270	280	300	300	300	300	300	315	14	
13	220	315	305	220	310	300	240	310	330	340	335	350	0	345	335	340	335	350	340	270	155	240	245	195	16	
14	240	200	195	130	200	170	230	265	295	305	310	320	345	210	330	210	110	180	300	315	240	165	205	195	10	
15	320	330	250	210	195	315	310	315	325	335	330	330	325	330	350	340	340	350	235	145	240	185	185	230	16	
16	200	165	250	210	165	155	160	170	240	320	80	30	30	15	330	20	355	355	10	335	210	180	205	260	[VA]	
17	180	155	240	300	50	30	80	40	40	350	325	340	255	200	190	240	265	230	250	255	315	120	15	325	12	
18	215	275	160	155	175	225	205	205	275	260	250	225	305	320	320	340	310	125	85	355	330	300	245	230	11	
19	205	235	190	310	165	170	310	230	240	270	245	240	290	305	330	220	245	220	300	140	145	10	320	40	12	
20	255	165	165	205	175	240	235	205	185	145	350	350	305	55	350	215	330	40	25	340	290	170	190	165	9	
21	150	155	25	205	215	255	265	195	215	240	315	315	15	330	320	225	340	205	220	180	300	220	165	175	11	
22	170	190	275	320	265	270	220	260	355	340	345	345	345	300	205	355	25	10	340	350	345	285	305	330	16	
23	340	20	35	80	15	55	35	45	290	15	285	30	215	270	15	285	270	240	145	165	165	320	285	155	2	
24	155	160	215	165	220	195	235	240	260	290	165	240	230	260	265	300	315	205	165	300	305	180	165	170	[VA]	
25	200	215	225	310	185	175	190	185	285	120	300	255	300	340	350	310	315	300	310	305	295	260	195	340	15	
26	45	25	0	335	350	345	355	350	345	300	325	10	275	350	340	275	240	210	270	295	255	315	160	280	16	
27	195	165	300	300	320	195	275	325	355	220	290	220	230	80	170	135	155	155	160	165	155	255	160	160	8	
28	315	230	190	300	190	50	220	280	330	280	265	265	255	215	150	185	140	150	160	225	195	155	155	270	8	
29	255	240	165	245	240	200	250	205	190	180	185	205	170	175	250	285	160	160	160	190	230	205	195	220	9	
30	215	245	220	200	210	185	210	225	210	200	190	200	190	190	190	190	175	180	185	185	165	175	175	180	10	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	11	[VA]	10	9	10	11	10	14	15	15	[VA]	[VA]	16	16	16	16	10	8	15	8	9	10	9	[VA]	

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WIND SPEED # 10M
(MILES/HOUR)
                                                            WHITE RIVER SHALE PROJECT,UTAH    ********************
                                                                                              *                  *
                                                            SITE A  2                         * PRELIMINARY DATA *
                                                                                              * AS OF 01/JUL/76  *
                                                            FEBRUARY,1976                     *                  *
                                                                                              ********************
                                                            AEROVIRONMENT INC.                *                  *
                                                                                              *    SUBJECT TO    *
                                                                                              *     REVISION     *
                                                                                              *                  *
                                                                                              ********************

                                          CLOCK HOUR  [LOCAL STANDARD TIME]
 D
 A                                                                                                                        P
 T    00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   E
 E                                                                                                                        A
                                                                                                                          K

 1   2.5  1.5  1.5  1.0  1.5  1.0  1.5  2.0  2.5  3.5  2.0  1.0  3.0  2.5  4.0  2.0  2.0  1.5  2.0  2.5  3.5  2.5  2.0  3.0 2.0  4.0
 2   1.5  2.0  2.0  1.5  2.0  2.0  2.5  1.0  2.0  1.5  3.0  1.5  2.5  2.5  2.0  3.0  3.0  3.5  1.5  2.0  2.0  1.5  2.0  1.5 2.0  3.5
 3   2.0  2.0  1.5  2.0  2.0  3.0  2.5  1.5  1.5  2.0  2.0  2.0  2.5  2.0  2.0  1.0  1.5  1.5  2.5  1.5  2.5  2.0  2.5  1.5 2.0  3.0
 4   1.5  2.5  2.5  2.5  5.0  6.0 18.0 20.5 14.5 14.0 17.0 16.5 17.0 17.0 13.0 17.5 17.5 10.0  9.0 13.5 17.0 17.0 18.0 14.012.5 20.5
 5  20.0 20.5 18.5 17.0  7.0  4.0  3.0  4.5  5.5  6.5  8.5  7.5  7.0  7.5  7.0  7.0  6.5  7.0  6.5  6.5  6.5  4.5  5.0  3.5 8.0 20.5
 6   3.5  3.5  5.0  4.5  3.5  3.0  3.0  2.5  2.0  2.5  2.5  4.5  4.5  4.5  4.0  3.5  4.0  2.0  1.5  1.5  2.0  2.5  3.0  3.0 3.0  5.0
 7   2.5  3.0  2.5  2.5  2.0  2.0  1.5  1.5  2.0  4.0  3.5  5.0  5.5  3.5  6.0  5.0  2.5  2.0  2.5  1.5  2.5  2.0  2.5  2.0 3.0  6.0
 8   2.5  1.5  1.5  1.5  2.0  1.0  1.5  2.0  1.5  1.5  2.5  3.0  4.0  2.5  3.0  2.5  2.5  2.0  2.5  4.0  2.5  2.5  1.0  2.0 2.0  4.0
 9   2.0  1.5  2.0  2.5  1.5  2.0  2.0  2.5  2.5  1.5  2.5  2.5  4.5  4.0  4.0  3.5 10.5 16.5 18.5 16.5 17.0  9.5  5.0  2.0 5.5 18.5
10   6.0  5.5  7.5 12.5 11.0  7.0  7.5  9.5 10.5  9.0  7.0  3.5  2.5  6.5  7.5  5.5  3.5  2.5  5.0  3.5  2.0  3.0  2.5  1.5 6.0 12.5
11   3.0  2.5  2.5  2.0  2.0  2.0  2.0  2.5  2.5  2.0  2.5  4.0  5.5  5.5  4.0  6.0  3.0  1.5  4.0  2.0  2.0  2.0  2.5  2.5 3.0  6.0
12   2.0  2.0  2.0  2.0  1.5  2.5  2.0  2.0  2.0  2.5  2.5  5.0  4.5  3.5  3.5  4.5  3.5  2.5  3.5  2.0  3.0  3.0  2.5  2.0 3.0  5.0
13   2.5  2.5  2.5  2.0  2.5  2.0  1.5  2.0  2.0  1.5  3.5  4.0  5.5  7.0  6.5  4.5  3.0  1.5  2.5  1.5  2.0  2.0  2.0  1.0 3.0  7.0
14   1.5  1.5  1.0  2.0  2.0  3.0  3.5  2.5  3.0  2.5  2.5  2.0  4.5  4.5  5.5  9.5 10.5  9.5  6.0  2.5  5.0  5.5  2.5  1.5 4.0 10.5
15   1.5  2.0  2.5  2.0  3.0  2.0  2.0  2.0  2.0  3.0  2.5  2.5  3.0  3.0  2.0  3.5  2.0  4.5  9.5  5.0  4.0  6.5  4.5  2.5 3.0  9.5
16   4.5  4.0  7.0  7.0  6.0  9.5 10.0  7.5  8.5  6.5  7.5  5.5  4.5  6.0 10.5  3.5  4.0  4.0  8.5  6.5 14.0 16.0 15.5 13.5 8.0 16.0
17  10.5 16.5 13.5 17.0 17.0 13.5 12.5  8.5  5.5  7.5 10.0 10.5 12.0 11.5 10.5  8.0  6.0  3.0  3.5  5.5 11.5 13.5 15.5 12.010.5 17.0
18   8.0  9.5 11.5 13.0 12.5 12.0 11.0 11.5  5.5 10.0 10.0 13.5 12.5 13.0 13.5 12.0 11.5 11.0  6.0  4.5  3.5  6.0  5.0  2.5 9.5 13.5
19   2.5  2.5  2.0  2.5  1.5  2.0  2.5  2.5  2.0  3.0  5.0  4.0  3.5  3.5  2.5  3.5 11.0 10.0 15.0  7.0  7.0  9.0  9.5 10.5 5.0 15.0
20  11.5  8.0  6.0  5.0  1.5  4.5 10.0 12.0  8.5 10.0 10.5 13.5 17.0 15.0 12.5 12.5 10.5  6.5  5.5  4.0  2.5  5.5  3.0  2.5 8.5 17.0
21   2.0  1.5  1.5  2.0  2.0  1.5  2.0  1.5  1.5  2.0  2.5  2.5  3.5  3.5  3.5  5.0  4.0  2.0  3.0  2.5  2.5  1.5  2.5  2.0 2.5  5.0
22   1.5  1.5  2.5  2.0  2.0  1.5  1.5  1.5  1.5  2.0  2.5  2.5  3.5  3.0  3.0  3.5  3.0  1.5  2.5  2.5  2.5  2.0  2.5  1.5 2.0  3.5
23   2.0  2.0  2.0  1.5  1.5  1.5  1.5  1.5  1.5  2.5  2.5  2.0  3.5  2.0  2.0  2.0  2.0  2.0  3.0  3.0  2.0  2.5  2.5  2.0 2.0  3.5
24   2.5  1.5  2.0  3.5  3.5  6.5  3.0  2.0  3.0  5.5  4.0  4.5  3.5  2.0  2.5  3.5  2.0  2.5  2.5  3.0  2.0  2.0  1.5  2.5 3.0  6.5
25   2.0  2.5  1.5  1.5  1.5  2.5  1.5  2.0  2.0  1.5  3.0  2.5  3.0  2.0  2.0  2.0  2.0  5.5  6.0 10.0  7.5  5.5  2.0  2.5 3.0 10.0
26   3.0  2.0  1.5  2.5  2.0  2.0  2.5  2.5  3.5  3.0  3.0  3.5  3.5  2.5  2.5  4.0  5.5  3.0  2.0  2.5  2.5  2.0  3.5  2.0 3.0  5.5
27   2.5  2.0  2.0  1.5  1.5  2.0  2.0  2.0  2.0  2.5  4.0  4.0  7.0  5.0  3.5  2.5  2.0  2.0  3.5  4.0  4.5  5.0  2.5  2.0 3.0  7.0
28   2.5  1.5  2.5  2.5  2.0  2.5  2.0  1.5  2.0  2.0  2.0  2.0  2.0  3.0  7.0 10.0  7.5 10.5 13.5 13.0 13.0 14.0 12.5  7.5 6.0 14.0
29   8.0  4.5  4.0  4.0  2.5  3.5  7.0  4.0 12.5 17.0 17.5 17.0 20.5 22.0 20.0 17.0 17.0 17.0 15.0 16.5 13.0 11.0 13.0  4.012.0 22.0
30  [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]
31  [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

AV   4.0  4.0  4.0  4.0  3.5  3.5  4.0  4.0  4.0  4.5  5.0  5.0  6.0  6.0  6.0  6.0  5.5  5.0  5.5  5.0  5.5  5.5  5.0  4.0 5.0 [  ]
SD   4.0  4.4  4.0  4.5  3.7  3.1  4.1  4.3  3.5  3.9  4.2  4.4  4.8  5.0  4.4  4.3  4.4  4.4  4.5  4.4  4.8  4.6  4.8  3.7 3.2 [  ]


OUTPT  [VERSION N   26 APR 76]
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WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	13.0	21.5	20.0	17.0	16.5	15.0	11.5	12.5	19.0	22.5	20.5	24.5	31.5	28.0	34.0	24.5	26.5	21.5	13.0	4.5	4.5	5.0	3.0	17.0	34.0
2	1.5	3.5	4.5	5.0	4.5	3.5	2.5	3.5	3.5	5.0	3.0	6.0	6.0	4.0	5.0	6.0	4.5	5.0	7.0	4.5	4.0	5.0	6.0	4.0	4.5	7.0
3	1.5	2.5	2.0	2.0	2.5	1.5	1.5	1.5	1.5	1.5	2.0	1.5	3.5	3.5	3.5	3.5	5.0	3.5	3.5	3.0	2.5	3.0	2.5	3.0	2.5	5.0
4	2.5	3.5	3.5	4.5	4.0	3.0	4.0	1.5	2.0	3.0	2.0	5.0	6.5	4.0	5.5	3.5	5.5	5.0	2.0	5.5	3.0	1.5	3.5	3.5	3.5	6.5
5	3.5	3.0	4.0	3.0	1.5	2.0	1.5	1.5	1.5	1.5	1.0	1.5	3.0	2.5	1.5	3.5	3.5	2.0	3.0	2.5	2.0	2.0	2.0	2.0	2.5	4.0
6	2.0	1.5	1.5	1.5	1.0	2.0	1.5	2.0	1.5	2.0	1.5	3.0	3.5	3.0	3.5	2.0	2.0	1.5	2.5	2.0	2.5	2.5	2.5	2.5	2.0	3.5
7	2.0	1.5	2.0	2.0	1.5	1.0	1.0	2.0	1.0	1.5	2.0	2.5	3.5	3.0	3.0	3.5	2.5	1.5	2.5	3.0	2.5	2.5	2.0	1.5	2.0	3.5
8	2.0	1.5	2.0	2.0	2.0	1.5	1.5	1.5	1.0	2.0	2.5	3.0	2.5	2.5	2.0	2.0	1.0	1.5	2.5	2.5	2.5	2.5	1.5	1.5	2.0	3.0
9	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	1.5	2.0	2.5	2.5	2.0	3.0	1.5	2.5	2.0	2.0	3.0	3.0	2.0	2.0	2.0	3.0
10	2.0	2.0	2.0	1.0	2.0	2.0	1.0	1.0	1.5	2.0	2.0	3.0	2.0	2.0	3.5	2.0	1.0	2.0	3.0	2.5	2.0	3.0	3.5	3.5	2.0	3.5
11	4.5	2.0	2.5	2.5	9.5	10.0	8.0	3.5	2.0	6.0	9.0	7.5	10.5	8.0	10.5	10.0	14.5	17.5	19.0	8.5	5.5	3.5	4.5	2.0	7.5	19.0
12	7.0	11.0	11.5	12.0	12.0	11.5	11.0	8.5	11.0	13.0	8.5	6.5	6.0	3.5	3.0	3.0	3.0	3.0	3.0	2.5	2.5	2.0	2.5	2.0	6.5	13.0
13	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.5	2.0	3.0	3.0	3.0	5.0	6.0	5.0	2.5	4.0	2.5	3.0	3.0	1.5	1.5	2.5	2.0	3.0	6.0
14	4.5	2.0	2.5	3.5	2.0	2.0	1.5	1.5	3.0	2.0	2.5	4.5	4.5	2.5	4.5	5.0	12.5	11.5	11.5	13.5	8.0	5.0	2.5	4.0	5.0	13.5
15	4.5	5.0	2.5	2.0	3.0	3.5	5.5	4.5	2.5	6.0	4.5	3.5	6.0	3.5	4.0	3.5	2.5	3.0	4.0	3.5	1.5	1.5	6.0	2.5	3.5	6.0
16	3.0	2.5	4.5	2.5	2.0	3.0	1.5	1.0	2.0	2.5	4.0	5.5	5.0	3.5	3.5	2.5	2.5	2.0	1.5	2.5	2.5	3.0	4.5	5.5	3.0	5.5
17	2.0	2.5	2.0	1.5	1.5	1.0	1.0	1.5	1.5	4.0	3.0	2.5	3.0	4.5	4.0	4.0	3.5	2.0	2.0	3.0	3.0	3.0	5.5	6.5	3.0	6.5
18	3.0	2.0	2.5	2.5	1.5	1.0	1.5	1.5	2.0	2.0	3.5	3.0	3.0	18.0	17.0	16.5	16.0	12.0	17.0	15.5	17.5	18.0	10.0	12.0	8.5	18.0
19	14.5	15.0	13.5	15.0	17.0	14.0	19.0	18.0	18.0	17.5	19.5	20.5	17.5	18.5	15.5	16.5	16.0	15.0	11.5	12.5	13.5	8.0	7.0	7.0	15.0	20.5
20	7.0	11.5	13.0	12.5	13.0	12.5	12.5	11.0	9.5	9.5	9.5	9.0	6.5	8.0	7.0	6.0	6.5	8.0	9.0	11.0	11.0	10.0	4.5	3.0	9.0	13.0
21	6.0	7.5	2.0	3.0	3.0	4.0	5.5	7.0	10.5	13.0	15.5	12.0	13.5	15.5	15.0	13.5	11.5	14.5	11.5	7.5	3.5	3.0	3.0	2.0	8.5	15.5
22	1.5	1.5	2.0	1.5	2.5	2.0	1.5	1.5	2.0	3.0	5.5	4.5	4.5	5.0	3.5	6.0	16.0	12.5	9.5	5.5	7.5	10.0	6.5	12.5	5.5	16.0
23	17.0	16.0	16.5	11.0	7.0	10.0	4.5	6.0	5.0	12.0	13.5	8.0	15.0	14.5	12.0	12.0	13.0	10.0	7.5	5.5	5.5	7.0	4.5	5.0	10.0	17.0
24	6.0	5.0	2.5	3.0	2.0	2.0	2.0	2.0	2.0	3.5	5.0	6.0	6.0	10.5	10.5	11.5	12.0	11.5	12.0	11.0	20.5	18.5	23.0	21.5	8.5	23.0
25	22.5	21.0	22.5	20.5	21.0	18.0	8.0	16.0	16.5	13.5	11.0	5.5	8.0	8.5	9.5	11.0	12.0	7.5	8.0	4.5	5.5	7.5	3.5	3.0	12.0	22.5
26	6.0	4.5	3.5	5.5	3.0	2.5	2.5	2.0	3.5	5.0	6.5	8.0	7.0	6.5	5.5	6.0	8.0	11.0	12.0	11.5	12.5	10.0	10.0	10.0	7.0	12.5
27	8.5	3.5	7.0	6.5	3.5	3.5	2.0	1.5	4.0	7.0	18.5	10.5	17.0	19.0	16.0	14.5	12.5	12.5	13.5	6.0	5.5	6.5	4.5	8.5	9.0	19.0
28	7.0	7.0	8.5	7.0	4.5	5.0	6.0	3.0	4.5	4.5	4.5	6.0	9.0	9.0	8.0	7.5	8.5	9.0	10.0	4.5	2.5	2.0	2.5	1.5	6.0	10.0
29	2.5	2.0	3.0	2.0	1.5	1.0	1.0	2.0	3.0	4.0	4.0	6.5	8.0	11.5	9.5	9.0	11.0	15.0	9.0	7.5	7.0	3.0	2.5	5.5	5.5	15.0
30	6.5	8.5	8.5	9.0	3.5	2.5	1.5	2.0	3.5	4.5	7.0	7.0	7.0	6.5	4.5	5.0	3.5	4.5	3.0	2.0	5.0	3.5	3.5	2.5	5.0	9.0
31	1.5	1.0	1.0	1.0	1.0	1.0	.5	1.0	2.0	3.5	6.0	5.5	8.0	6.5	6.5	6.0	4.5	11.5	10.5	10.0	12.0	13.5	4.5	3.0	5.0	13.5
AV	5.0	5.5	6.0	5.5	5.0	4.5	4.0	4.0	4.5	6.0	6.5	6.0	7.5	8.0	7.5	7.5	8.0	8.0	7.5	6.0	6.0	5.5	5.0	5.0	6.0	[ ]
SO	4.8	5.1	5.8	5.4	5.3	4.9	4.5	4.4	4.5	4.8	5.7	4.5	5.1	6.6	5.8	6.5	5.8	6.0	5.4	4.0	4.8	4.5	3.9	4.2	3.8	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.0	2.5	2.0	1.5	2.0	1.5	2.5	2.5	1.5	10.0	18.5	22.5	22.0	20.5	22.0	22.0	24.5	24.0	17.0	16.0	13.5	12.0	5.0	6.0	11.5	24.5
2	5.5	5.5	5.5	5.0	2.0	2.0	2.0	2.5	3.0	4.0	5.0	5.5	4.5	7.5	9.0	8.5	7.0	6.5	3.5	3.0	3.5	2.5	2.5	2.5	4.5	9.0
3	3.0	1.5	2.0	1.5	2.0	1.0	2.0	2.0	3.0	3.5	3.5	5.0	5.0	7.0	7.5	8.5	9.5	6.0	2.5	2.5	3.0	2.0	2.0	2.5	3.5	9.5
4	3.5	2.0	2.0	2.5	1.5	2.0	1.5	1.5	2.5	3.0	4.5	5.0	6.5	7.0	5.5	10.0	14.5	7.5	4.5	5.5	7.0	2.0	2.0	3.0	4.5	14.5
5	2.0	1.5	2.0	2.0	2.0	1.5	1.0	2.0	5.0	5.5	3.5	4.0	7.5	11.0	10.0	19.0	17.5	11.0	19.0	6.5	9.0	6.5	9.5	14.5	7.5	19.0
6	15.5	9.0	7.5	12.0	15.5	14.0	12.5	7.5	7.0	13.0	12.0	11.5	13.0	12.5	14.5	13.0	10.5	11.5	6.5	8.5	10.5	12.0	11.0	8.0	11.0	15.5
7	7.5	8.0	8.5	8.0	8.5	8.0	7.5	7.5	7.0	7.5	6.0	4.0	5.5	8.5	8.5	10.5	9.5	9.5	10.0	7.0	5.0	2.0	2.0	1.5	7.0	10.5
8	1.5	2.0	2.0	3.0	3.0	1.5	1.0	2.0	3.0	3.0	5.5	4.5	5.5	5.5	11.0	6.5	12.0	12.0	9.5	5.0	4.5	1.5	2.0	4.0	4.5	12.0
9	8.0	9.0	3.5	6.0	4.0	2.5	4.0	3.5	7.5	8.0	13.0	14.0	12.5	10.0	10.0	11.0	12.0	10.0	11.5	10.0	4.5	3.5	4.0	2.5	7.5	14.0
10	2.0	1.5	2.5	2.0	2.0	2.0	1.0	2.0	2.5	5.0	4.5	5.5	5.0	20.5	22.0	6.0	7.5	7.5	4.0	3.0	4.5	7.5	3.5	2.0	5.0	22.0
11	2.0	2.5	1.0	1.5	1.5	1.5	1.0	1.0	2.5	3.5	3.5	4.0	4.5	17.0	16.5	17.0	16.5	15.0	12.5	9.0	7.0	3.0	4.5	2.5	6.5	17.0
12	2.0	2.5	4.5	6.0	6.0	5.0	4.5	6.0	10.5	16.5	17.0	18.5	19.5	14.5	12.5	17.5	19.5	18.5	16.5	15.0	14.5	15.0	14.5	10.5	12.0	19.5
13	10.5	8.5	8.0	5.0	9.5	9.5	7.5	9.5	19.5	21.0	19.0	19.5	14.0	17.0	17.0	14.5	16.5	15.0	13.5	4.0	2.5	4.0	2.0	3.5	11.5	21.0
14	4.5	3.0	2.0	2.5	2.0	4.0	1.5	4.5	4.0	8.0	13.0	13.5	13.5	9.5	10.0	8.5	9.5	4.5	7.5	9.5	8.5	4.5	5.0	12.5	7.0	13.5
15	9.5	9.0	11.0	7.5	13.0	13.5	11.5	15.5	19.0	18.0	19.0	19.5	20.0	20.0	18.5	18.0	17.0	14.0	10.5	6.0	5.5	5.5	3.0	3.0	13.0	20.0
16	1.0	1.0	2.5	2.5	2.5	1.0	1.0	5.0	10.0	8.5	8.0	9.5	8.5	11.0	8.0	7.0	20.0	21.0	9.5	9.0	7.0	2.5	3.0	3.5	7.0	21.0
17	5.5	4.0	4.5	3.5	4.5	3.5	4.5	2.0	5.0	5.0	3.0	4.0	6.0	9.0	6.0	7.5	6.5	5.5	6.0	5.0	6.0	6.5	6.0	8.5	5.5	9.0
18	8.5	4.5	3.5	1.0	1.5	2.0	1.0	1.0	3.0	3.5	3.5	3.5	12.0	15.0	14.5	14.5	15.5	8.5	8.5	9.5	15.0	11.5	5.0	1.5	7.0	15.5
19	2.0	1.5	3.0	7.5	4.5	2.0	1.0	2.0	4.5	6.0	5.5	4.0	4.0	3.5	5.5	4.0	5.5	3.5	2.5	5.0	6.0	7.0	8.0	6.5	4.5	8.0
20	2.0	4.0	2.0	2.5	2.0	4.0	3.0	2.5	3.0	4.5	8.0	8.0	5.5	7.0	5.5	5.0	4.0	6.0	6.5	8.5	10.5	15.5	14.0	10.5	6.0	15.5
21	9.0	10.0	6.0	6.5	7.0	2.5	6.0	5.0	4.5	5.5	9.0	13.5	11.0	15.5	14.5	11.5	8.0	6.5	7.5	6.0	3.0	4.5	2.0	2.0	7.5	15.5
22	3.0	5.5	4.5	2.5	7.5	11.0	11.0	16.5	17.0	19.0	17.0	13.0	14.0	14.0	8.5	5.5	8.0	6.0	16.5	12.5	10.0	14.5	7.0	10.5	10.5	19.0
23	3.5	7.0	9.0	7.5	8.5	9.0	9.0	10.5	11.5	13.0	13.0	14.5	14.5	14.5	13.0	15.0	13.0	11.0	12.5	8.5	4.0	2.5	3.0	2.5	9.5	15.0
24	2.0	1.5	1.5	2.0	2.0	1.0	1.5	2.5	4.0	6.0	4.5	6.0	5.5	5.5	8.5	6.5	5.0	5.0	3.0	6.5	13.5	10.5	6.5	4.0	5.0	13.5
25	3.0	2.0	1.5	1.5	1.5	1.5	2.0	5.0	11.0	8.5	8.0	7.5	16.0	22.5	23.5	23.0	20.5	13.5	6.0	6.5	8.5	5.0	2.5	5.5	8.5	23.5
26	10.0	7.5	8.0	10.5	10.0	15.5	16.0	12.5	7.0	6.5	11.0	8.5	7.0	10.0	10.0	10.0	8.0	10.5	4.5	3.5	2.5	7.0	2.5	2.0	8.5	16.0
27	8.0	6.5	4.0	5.0	5.0	4.0	3.0	5.0	3.5	4.0	5.0	6.5	6.0	5.0	7.0	6.0	6.0	12.0	9.5	5.0	2.5	2.5	1.5	1.5	5.0	12.0
28	1.5	1.0	1.5	1.0	1.5	1.5	1.0	2.5	3.5	4.5	6.0	7.5	8.0	8.0	7.5	7.5	7.5	5.5	6.0	4.5	5.5	3.0	1.0	2.0	4.0	8.0
29	2.5	2.0	1.0	2.5	2.5	2.0	1.5	3.0	5.0	3.5	4.5	6.0	8.0	7.5	7.5	8.0	16.5	13.0	13.0	9.0	5.5	1.5	6.5	4.5	5.5	16.5
30	6.0	2.5	4.5	4.5	4.5	3.0	3.5	7.5	9.5	11.5	13.0	14.0	13.5	12.0	10.5	11.5	12.0	12.0	9.5	5.5	1.5	3.0	2.0	3.0	7.5	14.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.0	4.5	4.0	4.0	4.5	4.5	4.0	5.0	6.5	8.0	9.0	9.5	10.0	11.5	11.5	11.0	12.0	10.5	9.0	7.0	7.0	6.0	5.0	5.0	7.0	[ ]
SD	3.5	2.9	2.7	2.9	3.7	4.2	4.0	4.1	4.8	5.0	5.2	5.5	5.0	5.1	5.0	5.1	5.3	4.9	4.5	3.3	3.7	4.3	3.5	3.6	2.6	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	4.0	3.5	4.0	3.5	4.0	4.5	4.5	6.0	4.5	4.0	6.0	5.0	6.5	4.5	4.5	4.0	4.0	4.0	5.5	5.5	4.0	5.5	5.5	4.5	6.5
2	3.5	4.5	4.5	3.5	4.0	4.0	4.5	4.0	4.5	4.5	5.5	4.0	5.5	4.5	4.5	5.5	5.5	5.5	4.0	3.0	4.0	4.0	4.0	4.0	4.5	5.5
3	4.5	4.0	4.5	4.5	5.0	5.0	4.5	3.5	3.5	4.0	4.0	4.5	4.5	4.0	4.0	3.5	3.5	4.0	5.0	5.0	4.0	4.5	4.5	4.0	4.5	5.0
4	4.0	5.0	5.0	5.0	7.5	8.5	20.0	22.0	16.0	16.0	20.0	19.0	20.0	19.5	17.0	20.5	20.5	13.5	12.5	17.0	20.0	20.0	21.5	17.5	15.5	22.0
5	23.5	23.0	21.5	19.5	10.5	6.5	4.5	6.0	6.0	7.5	9.5	8.5	8.0	8.5	7.5	7.0	8.5	8.0	7.5	8.0	9.0	6.5	7.0	5.5	10.0	23.5
6	5.5	5.5	7.5	7.5	5.5	5.5	4.5	4.0	3.5	4.5	4.5	7.0	7.0	7.0	6.0	6.0	6.5	4.5	4.0	3.5	4.0	4.5	5.5	5.5	5.5	7.5
7	5.0	5.5	5.0	4.5	4.0	4.0	3.5	4.0	4.5	6.5	6.0	7.5	8.0	6.0	8.5	6.5	5.0	4.5	4.5	4.5	4.5	5.0	5.0	5.0	5.5	8.5
8	5.5	4.0	4.0	4.0	4.5	4.0	4.5	5.0	4.5	4.0	5.0	5.5	6.0	4.5	5.0	5.0	5.0	4.0	4.0	6.0	4.5	4.5	3.0	4.0	4.5	6.0
9	3.5	4.0	4.5	4.5	4.0	4.5	4.5	4.0	4.5	4.0	5.0	5.5	6.5	6.0	6.0	5.5	14.5	19.5	21.0	19.5	20.0	12.5	7.0	5.0	8.0	21.0
10	8.5	9.5	11.5	16.5	14.5	11.0	11.5	13.0	13.5	12.0	9.0	6.5	5.0	9.5	10.0	8.0	6.0	4.5	7.0	7.0	5.0	5.5	5.0	4.0	9.0	16.5
11	5.0	5.0	6.0	4.5	5.0	4.0	4.5	5.5	4.5	4.0	5.0	6.0	8.0	7.5	7.0	8.5	6.0	4.0	6.0	5.0	4.0	4.0	4.5	3.5	5.5	8.5
12	3.0	4.0	4.0	3.5	3.5	3.5	3.0	4.0	3.5	4.5	5.0	8.0	6.0	5.5	5.5	6.0	5.5	5.0	6.0	4.5	5.5	5.5	4.5	5.0	5.0	8.0
13	4.5	4.5	5.0	4.0	4.0	4.0	5.0	4.0	4.0	3.5	5.0	6.0	8.0	9.0	8.5	7.0	5.0	4.0	3.5	4.0	4.0	4.5	5.0	4.0	5.0	9.0
14	3.5	3.5	3.5	4.5	4.5	5.0	6.0	5.5	5.0	5.0	5.0	4.5	6.5	6.5	8.0	13.0	13.5	13.5	10.0	6.0	9.0	9.0	6.0	4.0	6.5	13.5
15	4.5	4.5	5.0	4.5	4.5	4.5	4.0	4.5	4.0	5.0	5.0	5.0	5.5	5.0	4.5	6.5	5.0	7.0	12.5	7.5	7.5	10.0	8.0	5.5	6.0	12.5
16	8.0	7.0	10.0	10.5	9.0	13.0	13.5	10.0	11.0	10.0	10.5	8.5	7.5	8.5	14.0	6.0	6.5	7.0	12.0	9.5	16.0	19.5	18.5	17.0	11.0	19.5
17	13.0	19.0	17.0	19.5	20.5	16.5	15.5	11.5	8.0	10.0	13.5	14.0	15.0	14.5	13.0	11.0	9.0	6.5	5.5	9.0	16.0	17.0	19.0	15.5	13.5	20.5
18	11.5	13.5	15.5	16.5	16.5	14.0	13.5	15.0	9.0	13.0	13.0	16.5	15.5	16.0	16.0	14.5	14.5	14.0	10.0	7.0	5.5	8.5	9.0	4.5	12.5	16.5
19	4.5	4.5	3.5	4.5	3.5	4.5	5.0	4.5	4.5	5.5	7.0	6.5	6.5	6.5	5.0	6.0	14.0	13.0	17.0	10.0	10.0	13.0	13.0	13.5	7.5	17.0
20	14.0	11.0	8.5	7.5	4.0	7.5	12.0	14.5	11.0	13.0	12.5	16.0	18.0	15.0	10.5	11.0	11.0	9.0	9.0	7.5	6.0	9.0	5.5	5.0	10.5	18.0
21	5.0	4.0	4.5	4.5	4.0	3.5	3.5	3.5	4.0	3.5	4.0	5.0	6.0	5.0	6.0	6.5	6.0	5.5	4.0	3.5	4.5	5.0	4.5	4.5	4.5	6.5
22	3.5	4.5	5.0	4.0	4.0	3.0	4.0	3.5	3.0	4.0	5.0	4.5	6.0	5.0	5.5	5.5	5.0	4.0	4.0	4.0	4.0	3.5	4.0	4.5	4.5	6.0
23	5.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	5.0	5.0	4.0	5.5	4.0	4.5	4.5	4.5	4.5	4.5	6.0	4.0	4.5	3.5	3.5	4.5	6.0
24	4.0	3.5	3.5	5.5	5.5	9.0	4.5	3.5	4.5	7.5	6.0	7.0	6.0	4.5	5.5	6.0	4.5	4.5	4.0	5.5	4.5	4.0	5.0	5.0	5.0	9.0
25	5.5	4.5	3.5	3.5	4.0	5.0	4.0	3.5	3.5	4.5	5.0	4.5	5.0	4.5	4.5	4.5	4.5	8.5	9.5	13.0	10.5	9.0	6.0	6.5	5.5	13.0
26	5.0	4.0	3.5	4.5	5.0	5.0	5.5	4.0	6.0	5.0	5.0	5.5	6.0	4.5	5.0	6.5	8.0	5.0	4.0	4.0	4.5	4.5	4.5	4.0	5.0	8.0
27	4.5	3.5	4.0	4.5	4.0	3.5	3.5	4.5	4.0	4.5	6.0	6.0	9.5	7.0	5.5	4.5	4.0	4.5	4.5	6.5	8.0	8.5	5.0	4.0	5.0	9.5
28	4.0	4.5	4.5	4.5	4.0	4.5	4.0	4.0	4.0	4.0	4.5	4.0	4.0	5.5	11.0	13.0	10.5	13.0	17.0	17.0	17.0	18.0	16.5	11.5	8.5	18.0
29	10.5	7.5	6.5	6.5	4.5	6.5	10.0	7.0	15.0	19.0	20.0	19.0	23.0	24.0	22.5	18.5	19.0	18.0	17.0	17.5	15.5	13.5	15.5	7.5	14.5	24.0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.5	6.5	6.5	6.5	6.0	6.0	6.5	6.5	6.0	7.0	7.5	7.5	8.5	8.0	8.0	8.0	8.0	7.5	8.0	8.0	8.0	8.5	8.0	6.5	7.5	[ ]
SD	4.3	4.6	4.4	4.0	4.2	3.4	4.3	4.5	3.6	4.0	4.4	4.4	4.8	4.9	4.5	4.2	4.6	4.5	4.9	4.6	5.2	5.0	5.2	4.1	3.3	[ ]

OUTPT [VERSION N 26 APR 76]

```
    WIND SPEED @ 20M
    (MILES/HOUR)
                                                                  WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                                      *                   *
                                                                  SITE A  2                           *  PRELIMINARY DATA *
                                                                                                      *  AS OF 01/JUL/76  *
                                                                  MARCH,1976                          *                   *
                                                                                                      *********************
                                                                  AEROVIRONMENT INC.                  *                   *
                                                                                                      *     SUBJECT TO    *
                                                                                                      *      REVISION     *
                                                                                                      *                   *
                                                                                                      *********************

                                           CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                       P
 A                                                                                                                       E
 T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23  AVE     A
 E                                                                                                                       K

 1   6.0  16.0  24.5  23.0  20.5  19.0  18.0  15.0  16.0  21.5  22.5  23.5  41.5  51.0  46.0  52.0  42.0  46.0  24.0  15.5   7.5   7.5   7.5   6.024.0  52.0
 2   5.0   6.0   6.0   7.0   5.0   3.0   3.0   3.0   2.5   6.0   8.0   8.0   9.0   6.5   8.0   8.5   7.0   7.5   9.5   7.5   7.5   6.5  10.0   6.5 6.5  10.0
 3   4.5   3.5   3.0   2.5   2.5   3.0   3.0   3.5   3.0   3.0   3.0   3.5   5.5   6.0   5.5   6.0   7.5   6.0   6.0   5.5   5.5   5.5   5.5   5.5 4.5   7.5
 4   5.0   6.0   6.5   8.0   7.0   6.5   8.0   4.5   4.5   5.5   5.0   7.5   8.5   6.0   8.0   5.5   7.0   7.5   4.5   9.0   6.5   4.0   6.5   6.0 6.5   9.0
 5   6.5   6.5   6.0   3.0   2.5   2.5   3.0   2.5   2.5   3.0   2.5   4.0   5.5   4.5   4.0   6.0   5.5   3.0   3.5   4.0   5.0   3.5   4.0   4.5 4.0   6.5
 6   4.5   4.0   5.0   3.5   3.5   3.5   3.5   4.0   3.0   3.5   3.5   4.5   6.0   5.0   5.5   4.5   4.5   3.5   3.5   3.5   5.5   3.5   4.5   4.0 4.0   6.0
 7   4.0   4.0   4.5   4.0   3.5   3.5   3.5   4.5   3.5   3.5   4.5   5.0   6.0   5.0   5.0   5.5   5.0   4.5   4.0   5.5   4.5   4.5   4.0   3.5 4.5   6.0
 8   4.5   3.5   4.5   4.0   4.0   4.0   3.5   4.0   3.5   4.0   5.0   5.0   5.0   5.0   4.5   5.0   3.5   3.5   3.5   5.0   4.0   4.5   3.5   3.5 4.0   5.0
 9   3.5   3.5   4.0   3.0   3.0   3.5   3.5   3.0   3.5   4.0   4.0   4.5   5.0   5.5   4.5   5.5   4.0   4.5   4.5   4.0   5.0   5.0   4.0   5.0 4.0   5.5
10   4.5   4.0   3.5   4.0   3.5   4.0   3.5   3.5   3.5   4.0   4.5   5.5   4.5   5.5   6.0   4.5   4.0   5.0   4.5   4.0   4.5   5.0   6.5   5.5 4.5   6.5
11   7.0   4.0   4.5   4.5  13.5  14.5  11.0   6.0   4.0   8.5  12.0  10.0  14.0  11.0  14.0  12.5  17.0  20.5  21.5  11.5   9.0   7.0   8.0   5.010.5  21.5
12   9.5  12.5  11.0  13.0  13.0  12.5  12.0   9.5  12.0  13.0  10.0   7.5   8.0   6.0   5.5   5.5   5.5   5.5   5.5   4.0   4.5   4.5   4.5   4.0 8.5  13.0
13   5.0   4.5   4.0   4.5   3.5   4.0   3.5   4.5   4.0   5.0   5.5   5.5   8.0   8.5   8.0   5.0   6.5   5.0   6.0   5.5   3.5   3.5   4.5   4.5 5.0   8.5
14   6.5   4.5   5.5   6.0   4.5   4.5   4.5   4.0   5.5   4.5   5.0   6.5   6.5   5.0   7.5   8.5  15.5  15.0  14.5  16.5  11.0   8.5   5.5   7.0 7.5  16.5
15   7.5   8.0   5.0   5.0   6.0   6.0   8.5   7.5   4.5   8.5   7.5   6.0   9.0   6.0   6.5   6.0   5.0   6.0   8.0   8.0   4.5   4.5   9.5   6.0 6.5   9.5
16   7.0   7.5   8.5   5.0   4.5   4.0   4.0   4.0   4.0   5.0   6.5   8.0   7.5   6.0   5.5   5.0   5.0   4.5   4.5   4.0   4.0   6.0   9.0   9.5 6.0   9.5
17   5.5   4.0   4.0   4.0   4.0   3.5   4.0   4.0   4.0   6.0   5.5   5.0   5.0   7.0   7.0   6.5   6.0   5.0   4.0   4.5   5.0   6.0   9.0  11.5 5.5  11.5
18   7.5   6.0   5.0   5.0   4.0   3.5   4.0   4.0   4.5   4.0   6.0   5.0   6.0  21.0  20.0  19.0  18.5  16.0  20.5  19.5  20.5  21.0  13.0  14.011.0  21.0
19  17.0  18.5  17.0  16.5  19.0  17.0  22.0  21.5  21.5  19.5  23.0  23.5  20.5  21.5  18.0  19.0  18.0  17.5  14.5  15.5  17.0  11.0  10.0  10.018.0  23.5
20  10.0  14.5  15.5  15.5  16.0  16.5  15.5  15.0  13.0  12.5  12.5  12.0   9.5  11.0  10.0   8.5   9.5  11.0  11.0  14.5  14.5  13.5   7.5   5.512.5  16.5
21   8.5  11.0   5.5   6.5   7.0   7.0   8.5  10.5  14.5  16.0  18.0  15.0  16.5  18.0  17.0  16.5  15.0  17.0  15.0  11.0   6.5   4.5   6.5   4.511.5  18.0
22   4.0   4.0   3.5   4.0   5.0   5.0   4.5   3.5   4.0   5.0   8.0   7.0   7.0   7.5   5.5   9.5  16.0  15.5  13.5   9.5  11.0  13.5  10.5  16.5 8.0  18.0
23  20.0  19.0  19.0  14.5  10.5  13.0   8.0  10.0   8.0  15.0  16.0  11.0  17.5  17.5  16.5  15.0  15.5  14.0  10.5   8.5   9.0  10.0   8.0   7.513.0  20.0
24   9.0   8.0   5.0   5.5   4.5   4.5   4.0   4.0   4.0   5.5   7.5   8.5   8.0  14.0  13.5  14.5  15.5  14.5  15.5  15.5  23.5  21.5  32.0  24.512.0  32.0
25  26.5  24.0  27.5  24.0  24.0  20.5  10.5  18.5  18.5  16.5  13.5   8.5  10.5   8.0  10.0  12.0  12.0  10.0  11.0   7.5   8.5  10.0   7.0   6.014.5  27.5
26   9.0   8.0   6.5   9.0   6.0   6.0   5.0   5.0   6.0   8.0  10.0  11.0  10.0   9.5   9.0   9.0  11.5  14.0  15.5  15.5  17.0  14.0  14.0  13.510.0  17.0
27  12.0   8.0  10.5  10.0   7.0   6.0   4.0   4.5   6.0  10.5  21.0  13.5  19.5  22.0  18.5  17.0  16.5  15.0  17.0   9.5   8.5   9.0   8.0  11.012.0  22.0
28  10.0   9.5  12.0  10.0   7.5   8.5   9.0   6.0   7.0   6.5   7.0   9.0  11.5  11.5  10.5  10.0  11.0  11.5  13.5   7.0   5.5   5.5   5.5   4.0 8.5  13.5
29   3.0   3.5   5.5   4.5   4.5   4.0   3.0   4.0   5.0   6.0   7.0   9.0  10.0  14.0  10.0  11.0  14.0  17.0   9.5  10.0  10.5   6.0   5.0   9.0 7.5  17.0
30   9.5  12.0  12.0  12.0   6.5   5.0   3.5   4.0   5.0   7.5  10.0   9.0  10.0   9.0   7.5   8.0   6.0   6.5   5.5   5.0   8.0   6.5   5.0   4.5 7.5  12.0
31   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.0   4.0   6.5   8.5   8.0  10.5   9.0   9.0   8.0   7.5  14.5  13.5  13.0  15.5  17.0   8.0   5.5 7.5  17.0

AV   8.0   8.0   8.5   8.0   7.5   7.0   6.5   6.5   6.5   8.0   9.0   8.5  10.5  11.0  10.5  10.5  11.0  11.0  10.0   9.0   9.0   8.0   8.0   7.5 8.5 [    ]
SD   5.0   5.3   6.2   5.6   5.6   5.2   4.8   4.8   4.9   5.0   5.6   4.8   7.1   9.0   7.9   8.7   7.5   8.2   5.8   4.6   5.1   4.9   5.1   4.5 4.4 [    ]

OUTPT  [VERSION N   26 APR 76]
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WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.5	5.0	4.0	4.0	4.0	4.0	5.0	5.0	4.0	12.5	20.5	24.0	23.0	22.0	25.5	24.5	41.0	35.5	19.5	18.5	16.5	16.5	8.0	8.5	15.0	41.0
2	8.5	8.5	8.5	9.0	5.0	4.0	3.5	4.0	4.5	6.0	7.0	7.5	7.0	10.0	12.0	11.0	9.5	9.0	6.0	4.5	5.0	4.5	4.5	4.0	7.0	12.0
3	4.5	4.0	4.0	4.0	4.0	3.5	4.5	4.5	5.0	5.5	6.0	6.5	7.5	9.5	10.0	11.5	12.0	8.5	5.5	4.5	6.0	5.5	4.0	3.0	6.0	12.0
4	5.0	4.5	4.5	3.5	4.5	4.5	3.5	3.5	4.5	5.0	6.5	8.0	9.5	8.0	8.0	13.0	17.0	10.5	8.0	9.5	11.0	5.0	5.0	4.5	7.0	17.0
5	3.5	4.0	4.5	3.5	4.0	3.5	3.5	4.5	8.5	8.5	5.5	6.0	10.0	12.5	13.0	22.0	20.0	14.0	21.5	10.0	12.5	12.0	13.5	17.5	10.0	22.0
6	19.0	13.0	12.0	16.0	18.0	17.0	14.5	10.5	10.5	16.0	15.0	14.5	16.5	15.5	17.5	16.5	13.5	15.0	10.5	11.5	13.5	15.5	15.0	11.5	14.5	19.0
7	11.0	11.5	12.5	12.0	13.0	11.0	10.5	10.5	10.5	10.0	8.0	7.0	8.0	7.0	9.5	10.5	10.5	9.0	12.0	9.5	7.5	4.0	4.5	5.5	9.5	13.0
8	5.0	4.0	3.5	5.0	6.0	4.0	3.0	4.0	5.0	5.5	8.0	6.5	7.5	7.5	12.5	9.0	15.5	15.5	12.5	9.0	10.0	4.5	5.5	8.0	7.5	15.5
9	12.0	13.0	7.0	10.5	6.5	5.0	6.5	6.5	10.0	11.5	17.0	17.5	15.5	12.5	13.0	14.0	14.5	13.0	14.5	13.0	7.0	5.0	5.5	4.5	10.5	17.5
10	4.5	4.0	5.0	4.0	4.0	4.0	3.5	4.5	5.0	7.5	7.0	8.0	7.5	8.0	8.0	8.5	9.0	9.5	6.5	6.0	7.5	10.0	7.0	5.5	6.5	10.0
11	4.0	4.0	4.0	4.0	3.5	3.5	4.5	3.5	4.5	5.5	6.5	6.5	6.0	20.5	19.0	19.5	19.0	18.0	16.0	13.0	10.5	6.0	7.5	5.0	9.0	20.5
12	4.0	7.0	8.0	10.0	10.0	9.0	8.5	10.5	13.5	19.0	20.0	21.5	22.5	17.5	15.5	20.5	21.5	21.0	19.0	17.5	18.0	18.5	18.0	13.5	15.0	22.5
13	15.0	13.0	12.0	9.0	13.5	13.0	11.0	12.5	22.5	24.0	22.0	22.5	17.5	20.0	20.5	17.5	19.5	18.0	17.0	7.5	5.0	7.0	4.0	6.0	14.5	24.0
14	7.5	6.0	3.5	6.5	4.0	7.0	4.5	7.0	7.0	10.5	16.5	17.0	16.5	12.5	13.0	11.5	11.5	7.5	10.5	13.0	13.0	8.5	8.5	16.0	10.0	17.0
15	12.0	12.5	14.0	11.0	16.5	17.0	14.5	18.0	21.5	21.5	22.0	23.0	23.0	23.0	21.5	20.5	19.5	16.5	13.5	8.5	8.5	7.5	5.5	6.0	15.5	23.0
16	4.0	4.0	5.0	5.5	4.0	5.5	3.5	8.5	13.0	11.5	11.0	12.5	12.0	13.5	11.0	10.0	23.0	23.5	12.5	10.0	9.0	5.0	5.5	6.0	9.5	23.5
17	7.5	7.0	7.5	6.5	7.0	6.0	7.5	4.5	7.5	7.0	5.0	5.5	8.0	10.0	8.0	9.0	8.0	7.0	7.5	8.5	10.0	9.5	9.0	11.0	7.5	11.0
18	11.0	8.0	6.5	3.5	4.5	5.5	4.0	4.0	5.5	6.0	6.0	6.0	14.5	17.0	17.0	17.0	18.0	11.5	11.5	12.0	17.5	15.0	7.0	4.5	9.5	18.0
19	5.0	4.5	5.5	9.0	8.0	5.0	4.0	5.0	7.0	8.0	8.0	6.0	6.5	6.5	8.5	6.5	7.0	5.0	5.5	8.0	9.0	10.5	11.5	10.0	7.0	11.5
20	5.5	8.0	5.5	5.0	5.5	8.0	6.0	6.0	6.5	7.5	11.0	11.0	8.5	10.0	8.0	8.0	6.5	9.0	9.0	12.0	15.0	19.0	17.5	14.5	9.5	19.0
21	13.5	13.5	9.0	9.5	11.0	7.0	11.0	9.0	7.0	8.5	12.0	16.0	14.5	18.0	17.0	15.0	11.5	9.5	10.0	9.0	6.0	7.0	5.0	5.0	10.5	18.0
22	5.0	8.5	8.0	8.0	12.0	15.0	15.0	19.5	20.0	22.0	20.0	17.0	17.0	16.5	11.5	9.0	11.0	9.5	18.0	15.5	13.5	17.0	10.5	13.5	14.0	22.0
23	6.5	10.5	12.0	10.5	11.5	12.0	12.5	13.5	14.0	15.5	16.0	17.0	17.0	17.0	15.5	17.0	16.0	12.5	14.5	12.0	7.5	4.5	4.5	5.5	12.5	17.0
24	6.5	4.0	4.0	4.0	4.0	3.5	4.0	4.0	6.0	7.5	6.5	8.0	7.0	8.0	10.5	8.5	7.5	7.0	5.0	9.0	16.5	14.0	10.5	7.5	7.0	16.5
25	5.5	5.5	4.5	4.5	4.5	3.5	5.5	10.0	14.0	10.5	10.5	10.0	19.0	27.5	36.0	30.0	23.0	16.5	8.5	9.5	12.0	9.0	5.5	9.0	12.5	36.0
26	13.0	10.5	10.5	14.5	13.5	18.5	17.0	14.0	9.0	9.0	12.5	11.0	9.5	12.5	13.0	13.0	10.0	13.5	7.5	7.5	6.0	9.5	5.0	4.0	11.0	18.5
27	10.0	9.5	6.5	8.0	7.0	6.5	5.5	7.5	6.0	6.5	6.5	9.0	8.5	7.0	8.5	8.0	8.5	14.5	13.0	8.5	6.0	7.0	5.0	4.0	8.0	14.5
28	4.5	4.0	3.5	4.5	4.0	4.5	3.0	4.5	5.5	7.0	7.5	8.5	10.0	10.0	9.5	9.5	10.0	8.0	8.5	7.5	8.0	6.0	4.5	4.5	6.5	10.0
29	5.0	4.5	3.5	4.5	4.0	5.0	5.5	5.0	7.0	5.5	6.5	8.0	11.0	10.5	9.5	10.0	19.0	15.5	13.0	9.0	7.0	5.5	9.5	6.5	8.0	19.0
30	8.0	6.0	7.0	7.5	7.0	6.0	5.5	8.5	10.5	11.5	12.0	13.0	13.5	12.0	10.5	11.5	12.0	12.0	9.0	6.0	4.5	4.0	5.0	5.0	8.5	13.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	8.0	7.5	7.0	7.0	7.5	7.5	7.0	8.0	9.0	10.5	11.5	12.0	12.5	13.5	14.0	13.5	15.0	13.0	11.5	10.0	10.0	9.0	7.5	7.5	10.0	[ ]
SD	3.9	3.3	3.1	3.4	4.1	4.5	4.1	4.2	5.0	5.2	5.5	5.7	5.2	5.4	6.1	5.6	6.9	6.0	4.4	3.3	3.9	4.6	3.9	3.9	2.9	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

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*                   *
*  PRELIMINARY DATA *
*  AS OF 01/JUL/76  *
*                   *
*********************
*                   *
*    SUBJECT TO     *
*     REVISION      *
*                   *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	4.0	3.5	3.5	3.5	3.5	4.0	4.0	4.5	5.5	4.0	4.0	6.0	5.0	6.0	4.0	4.0	4.0	4.0	3.5	5.0	5.0	5.0	4.5	4.5	6.0
2	3.5	3.5	4.5	4.0	4.0	4.0	5.0	3.5	4.0	4.5	5.5	3.5	5.0	5.0	4.5	5.5	5.5	5.5	4.0	3.5	3.5	4.0	4.0	4.0	4.5	5.5
3	4.5	4.5	4.5	4.5	5.0	4.5	4.5	3.5	3.5	4.0	4.0	4.0	5.0	4.0	4.5	3.5	4.0	3.5	5.0	4.5	4.5	4.5	4.5	4.0	4.5	5.0
4	4.0	5.5	5.0	5.0	7.5	8.5	20.0	215.	205.	200.	210.	200.	205.	18.5	16.0	19.0	19.0	12.5	11.5	16.0	18.5	18.5	19.5	16.5	61.5	215.
5	22.0	22.0	20.0	18.5	9.5	6.5	5.0	6.5	8.0	9.0	10.5	10.0	9.0	10.0	9.0	9.0	9.0	9.0	8.5	9.0	8.5	7.0	7.0	5.5	10.5	22.0
6	6.0	6.0	7.0	7.0	6.0	5.5	5.5	5.0	4.5	5.0	5.0	7.0	7.0	7.0	6.0	6.0	6.5	5.0	4.0	4.0	4.5	4.5	5.0	5.5	5.5	7.0
7	5.0	5.5	5.0	5.0	4.0	4.5	3.5	4.5	5.0	6.0	6.0	7.5	8.0	6.0	8.5	7.0	5.5	4.5	5.0	4.0	5.0	4.5	5.0	4.5	5.5	8.5
8	5.0	4.0	4.0	4.0	4.5	4.0	4.5	4.0	4.0	4.0	5.0	5.5	6.5	5.0	5.5	5.0	5.0	4.5	4.5	6.5	5.0	5.0	3.5	4.0	4.5	6.5
9	4.0	4.0	4.5	4.5	4.0	4.5	4.5	4.5	5.0	4.0	5.0	5.5	6.5	6.5	6.5	6.0	13.0	18.5	20.0	18.0	18.5	12.0	7.0	5.0	8.0	20.0
10	8.5	8.5	10.5	15.0	13.5	10.0	10.5	12.0	13.0	11.0	9.0	6.5	5.0	9.5	10.0	8.0	6.0	4.5	7.0	6.0	5.0	5.5	4.5	4.0	8.5	15.0
11	5.5	5.0	5.5	4.5	4.5	4.0	4.0	5.0	4.5	4.5	5.0	6.5	8.0	7.5	7.0	8.5	5.5	4.0	5.5	5.0	4.5	4.0	4.5	4.0	5.5	8.5
12	3.5	4.0	4.5	4.0	4.0	4.5	4.0	4.5	4.5	5.0	5.0	8.0	6.5	5.5	6.0	6.5	6.0	5.0	6.0	4.5	5.5	5.5	4.5	4.5	5.0	8.0
13	5.0	4.5	5.0	4.0	4.5	4.0	4.5	4.0	4.0	4.0	5.5	6.0	8.5	9.5	9.0	7.0	5.0	4.0	4.5	4.0	4.0	4.5	5.0	3.5	5.0	9.5
14	4.0	3.5	3.5	4.5	4.5	5.0	6.0	5.5	5.0	5.0	5.0	5.0	7.0	7.0	8.5	12.0	13.0	12.0	9.0	5.5	8.0	8.5	5.5	4.5	6.5	13.0
15	4.0	5.0	5.0	4.5	5.0	4.5	4.0	4.5	4.5	5.5	5.0	5.0	5.5	5.5	5.0	6.0	5.0	7.0	12.0	7.5	6.5	9.5	7.0	5.0	6.0	12.0
16	7.5	7.0	9.5	9.5	8.5	12.5	13.0	10.0	11.0	9.0	10.0	8.0	7.5	9.0	13.0	6.0	6.5	6.5	11.0	9.0	15.5	18.0	17.0	16.0	10.5	18.0
17	12.5	18.5	16.5	18.5	19.5	16.0	15.5	11.5	8.0	10.0	13.0	13.5	14.5	14.5	13.0	11.0	8.0	6.0	6.0	8.5	14.5	16.5	17.5	14.5	13.0	19.5
18	10.5	12.5	14.0	15.5	15.0	14.0	13.0	14.0	8.0	12.5	12.5	16.0	15.0	15.5	16.0	14.5	14.0	13.5	9.5	7.0	5.5	8.0	8.0	4.5	12.0	16.0
19	4.5	4.5	3.5	5.0	4.0	4.0	5.0	4.5	4.5	5.5	7.5	6.5	6.5	6.5	5.0	6.0	13.5	12.5	17.0	9.5	9.5	12.0	12.0	13.0	7.5	17.0
20	14.0	10.5	8.5	7.5	4.0	7.5	12.5	14.5	11.0	13.0	13.0	16.0	19.0	17.0	15.0	14.5	13.5	9.5	8.5	7.0	6.0	75.0	5.5	4.5	13.5	75.0
21	4.5	4.0	4.0	4.5	4.0	3.5	4.0	3.5	3.5	4.0	4.5	5.0	6.0	5.5	6.0	7.5	6.5	5.0	3.5	4.0	4.5	4.0	4.5	4.0	4.5	7.5
22	3.5	4.0	4.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	5.0	4.5	6.0	5.5	5.5	6.0	5.0	4.0	4.5	4.0	4.0	3.5	4.0	4.0	4.5	6.0
23	4.0	4.0	4.0	3.5	3.5	3.5	3.5	3.5	4.0	4.5	5.0	4.5	6.0	4.0	5.0	4.5	4.5	4.5	5.0	6.0	4.0	4.5	4.0	4.0	4.5	6.0
24	5.0	4.0	4.5	6.0	6.0	9.0	5.5	4.5	5.5	8.0	6.0	7.0	6.0	4.5	5.0	6.0	4.5	4.0	4.5	5.5	4.5	4.5	4.5	5.5	5.5	9.0
25	5.0	4.5	3.5	3.5	4.0	5.0	4.5	3.5	4.0	4.0	5.0	4.5	5.5	5.0	4.5	4.5	4.5	8.5	8.5	12.0	9.5	8.5	5.0	5.5	5.5	12.0
26	5.0	4.0	4.0	5.0	4.5	4.5	5.0	4.5	6.0	5.0	5.5	5.5	6.0	315.	5.0	6.5	8.0	5.0	4.0	4.0	4.5	4.5	5.0	4.0	18.0	315.
27	4.5	3.5	4.0	4.5	4.0	3.5	4.0	4.5	4.5	4.5	6.5	6.5	8.5	7.5	5.5	5.0	4.0	4.5	5.0	6.0	7.5	8.0	4.5	4.5	5.0	8.5
28	4.5	4.5	5.0	4.5	4.0	4.5	4.0	4.0	4.5	4.0	4.5	4.5	4.5	5.5	10.0	12.5	10.0	13.0	16.0	16.0	15.5	17.0	15.0	10.5	8.5	17.0
29	10.0	7.0	7.5	8.0	4.0	6.0	9.5	6.5	14.5	19.0	19.0	19.0	22.5	23.0	22.0	18.0	19.0	18.0	17.5	14.5	13.0	15.5	6.5	6.5	13.5	23.0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.5	6.5	6.5	6.5	6.0	6.0	6.5	13.0	13.0	13.0	14.0	14.0	15.0	19.0	8.5	8.0	8.0	7.5	8.0	7.5	7.5	10.5	7.0	6.0	9.5	[ ]
SD	4.0	4.4	4.0	4.4	3.8	3.3	4.2	38.3	36.4	35.5	37.2	35.4	36.2	56.1	4.4	4.0	4.3	4.3	4.6	4.1	4.5	13.1	4.4	3.8	10.5	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	15.5	23.5	21.5	19.0	17.5	17.0	13.5	14.5	20.5	24.5	22.0	37.5	48.5	44.0	18.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	22.5	48.5
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	4.0	3.5	4.0	4.0	4.5	3.5	4.0	4.5	4.0	4.5
6	4.5	4.0	5.0	3.5	4.0	4.0	4.0	4.0	3.5	4.0	4.0	5.5	6.0	5.5	6.0	5.0	4.5	4.0	4.0	4.0	5.0	4.0	4.5	4.0	4.5	6.0
7	4.0	4.0	4.5	4.0	3.5	3.5	3.0	4.5	3.5	4.0	4.5	5.0	6.5	5.5	5.5	6.0	5.5	4.5	4.5	5.5	4.0	4.5	4.0	3.5	4.5	6.5
8	4.5	3.0	4.0	4.5	4.0	4.0	3.5	3.5	3.0	4.5	5.0	5.0	5.0	5.0	4.5	5.0	3.5	3.5	4.0	4.5	4.0	4.5	4.0	4.0	4.0	5.0
9	4.0	3.5	4.0	3.5	3.5	3.5	3.5	3.5	4.0	4.5	4.5	5.0	5.5	5.5	4.5	5.5	4.0	4.5	4.5	4.0	5.0	5.0	4.0	4.5	4.5	5.5
10	4.5	4.0	4.0	4.0	4.0	4.0	3.5	3.5	4.0	4.5	4.5	5.5	4.5	5.0	6.5	4.5	4.0	5.0	4.5	4.0	4.5	5.0	6.5	6.0	4.5	6.5
11	6.5	4.0	4.5	5.0	12.0	13.0	10.5	6.0	4.5	8.5	11.5	9.5	13.0	10.5	12.5	12.0	16.5	19.0	20.5	11.0	8.5	6.5	7.5	5.0	10.0	20.5
12	9.5	13.0	14.0	14.0	14.5	13.0	13.0	11.0	12.5	14.5	10.5	9.0	9.0	6.0	5.5	5.5	5.5	5.5	5.5	4.5	4.5	4.5	4.5	4.0	9.0	14.5
13	5.0	4.5	4.5	4.5	3.5	4.0	4.0	4.5	4.5	5.5	5.5	5.5	7.5	8.5	8.0	5.0	6.5	5.0	5.5	5.5	3.5	3.5	5.0	4.5	5.0	8.5
14	6.5	4.0	5.0	6.0	4.5	4.0	4.0	4.0	5.5	4.5	5.0	6.5	7.0	5.0	7.0	7.5	15.0	14.5	13.5	15.5	11.0	8.0	5.5	6.5	7.5	15.5
15	7.0	7.5	5.0	4.5	5.5	6.0	8.0	7.0	5.0	8.5	7.0	6.0	8.5	6.0	6.5	6.0	5.0	6.0	7.0	6.5	4.5	4.5	9.0	5.5	6.5	9.0
16	6.0	6.0	8.0	5.0	4.5	5.5	4.0	3.5	4.0	5.0	6.5	8.0	7.5	6.0	6.0	5.0	5.0	4.5	4.0	4.0	4.0	6.0	7.5	8.5	5.5	8.5
17	5.0	4.0	4.0	4.0	4.0	4.0	3.5	4.0	4.0	6.0	5.5	5.0	5.5	7.0	7.0	6.5	6.0	5.0	3.5	4.5	5.0	6.0	8.5	10.0	5.5	10.0
18	6.5	5.0	5.0	5.5	4.5	4.0	4.0	4.0	4.5	4.5	6.0	5.5	6.0	19.5	18.5	17.0	17.0	14.5	18.5	17.5	19.0	19.5	12.0	13.5	10.5	19.5
19	16.0	17.0	16.0	16.0	18.5	16.0	21.0	20.5	20.5	19.0	22.0	23.0	13.5	20.5	17.5	18.0	17.5	17.0	14.0	15.0	16.0	10.5	9.5	9.5	17.0	23.0
20	10.0	14.0	15.0	14.5	15.5	15.5	14.5	14.0	12.0	12.5	12.0	11.5	9.0	10.0	9.5	8.5	9.0	10.5	11.0	13.5	13.5	12.5	7.0	5.5	11.5	15.5
21	8.0	10.0	5.0	6.0	6.5	6.5	8.0	9.5	13.5	15.5	17.0	14.0	16.0	17.0	16.5	16.0	14.5	17.0	14.5	10.0	6.0	5.0	6.0	4.5	11.0	17.0
22	4.0	3.5	4.0	4.0	4.5	5.0	4.0	3.5	4.5	5.0	8.0	7.0	7.0	7.5	5.5	9.0	17.0	14.5	12.5	8.5	10.0	12.5	9.5	15.0	7.5	17.0
23	18.5	17.5	17.5	13.0	10.0	12.0	7.0	9.0	7.5	14.0	15.5	10.5	17.0	17.0	15.0	14.5	15.0	13.0	9.5	8.0	8.5	9.5	7.5	7.5	12.5	18.5
24	8.5	7.5	4.5	5.5	4.5	4.5	4.5	4.0	4.5	6.0	7.5	8.5	8.0	13.0	13.0	13.5	14.5	14.0	14.5	14.0	22.0	20.0	25.0	23.0	11.0	25.0
25	24.0	22.5	24.5	22.0	22.5	19.5	10.5	18.0	17.5	16.0	13.0	8.0	10.0	10.5	12.0	12.5	13.5	9.5	10.0	7.0	7.5	9.5	6.5	6.0	14.0	24.5
26	8.5	7.5	6.5	8.0	6.0	5.5	5.0	4.5	5.5	7.5	9.0	10.0	9.5	9.0	8.0	8.5	10.5	13.0	14.0	14.0	15.0	12.5	12.5	12.5	9.5	15.0
27	10.5	7.0	9.5	9.0	6.0	6.0	4.5	4.5	5.5	9.5	20.0	12.5	18.5	20.5	17.0	16.5	15.5	14.5	16.0	8.5	8.5	8.5	7.5	11.0	11.0	20.5
28	9.5	9.5	11.0	9.5	7.0	8.0	8.5	5.5	7.0	6.5	7.0	8.5	11.0	11.0	10.0	10.0	10.5	11.5	13.0	7.0	5.5	5.0	5.5	4.0	8.5	13.0
29	3.5	4.0	5.5	4.5	4.5	4.0	4.0	4.5	5.5	6.5	7.0	9.0	10.5	13.5	12.0	11.5	13.5	17.0	11.5	10.0	10.0	6.0	5.5	8.5	8.0	17.0
30	9.0	11.5	11.0	11.5	6.5	4.5	4.0	4.5	6.0	7.5	9.5	9.0	9.5	9.0	7.0	7.5	6.0	7.5	6.5	5.0	7.5	6.5	5.5	4.5	7.5	11.5
31	3.5	4.0	4.0	4.0	4.0	4.0	3.5	4.0	5.0	6.5	9.0	8.0	10.5	9.0	9.0	8.0	7.5	13.5	12.5	12.0	14.0	16.0	7.5	5.0	7.5	16.0
AV	8.0	8.0	8.5	8.0	7.5	7.5	7.0	7.0	7.0	8.5	9.5	9.0	10.5	11.5	11.0	9.5	10.0	10.0	9.5	8.5	8.5	8.0	7.5	7.5	8.5	[ ]
SD	4.7	5.2	6.0	5.3	5.4	4.9	4.6	4.6	4.6	4.8	5.5	4.5	6.6	8.7	7.7	4.5	5.0	5.0	5.0	4.2	4.9	4.6	4.1	4.4	4.2	[ ]

OUTPT [VERSION N 26 APR 76]

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WIND SPEED @ 30M
(MILES/HOUR)
                                                              WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                                  *                   *
                                                              SITE A  2                           *  PRELIMINARY DATA *
                                                                                                  *  AS OF 01/JUL/76  *
                                                              APRIL,1976                          *                   *
                                                                                                  *********************
                                                              AEROVIRONMENT INC.                  *                   *
                                                                                                  *    SUBJECT TO     *
                                                                                                  *     REVISION      *
                                                                                                  *                   *
                                                                                                  *********************

                                   CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                                          P
  A                                                                                                                                                          E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE    A
  E                                                                                                                                                          K

  1   6.5   4.5   4.0   4.0   3.5   4.0   5.0   4.5   4.0  13.5  22.0  26.5  24.5  23.5  23.5  23.5  37.5  30.5  18.5  17.0  15.5  15.0   8.0   8.514.5 37.5
  2   8.0   7.5   8.0   8.0   5.0   4.5   3.5   5.0   5.0   6.5   7.5   8.0   7.0  10.0  11.5  11.0   9.5   8.5   6.0   5.0   5.0   4.5   5.0   4.5 7.0 11.5
  3   4.5   4.5   4.0   3.5   4.0   4.0   4.5   4.5   5.0   5.5   6.0   7.0   7.5   9.5  10.0  11.0  11.0   8.0   5.0   4.0   5.5   5.0   4.5   3.5 6.0 11.0
  4   5.5   4.5   4.0   4.0   4.0   4.5   3.5   4.0   5.0   5.5   6.5   7.5   9.0   9.0   8.0  12.5  16.0  10.0   7.5   8.5  10.0   5.0   4.5   4.5 7.0 16.0
  5   3.5   4.5   4.5   3.5   4.0   4.0   3.5   4.5   7.5   8.0   6.0   6.5  10.0  13.0  12.5  21.0  18.5  13.0  20.5   9.0  11.5  11.0  12.5  16.0 9.5 21.0
  6  17.0  11.5  10.5  14.0  17.0  15.5  14.0   9.5  10.0  15.0  14.5  14.0  15.5  14.5  16.5  15.0  12.5  14.5   9.5  11.0  13.0  14.0  13.5  10.513.5 17.0
  7  10.5  11.0  11.5  11.0  11.5  10.5  10.0  10.5   9.5  10.0  10.5   6.5   8.0   7.5  11.0  12.5  12.0  12.0  12.0   9.5   8.0   4.0   4.5   4.5 9.5 12.5
  8   4.5   4.0   3.5   5.0   6.0   4.0   3.5   4.5   5.5   5.5   8.0   7.0   8.0   8.0  10.5   7.5  14.5  14.5  12.0   8.0   8.5   4.0   5.0   7.0 7.0 14.5
  9  11.0  12.0   6.5   9.5   7.0   5.0   6.5   6.0   9.5  11.0  16.0  16.5  15.0  12.5  12.5  13.5  14.5  13.0  14.0  12.5   6.5   5.0   5.5   5.010.5 16.5
 10   4.0   4.0   5.0   4.0   4.0   4.0   3.0   4.0   5.0   7.5   6.5   8.0   7.0   8.0   8.0   8.5  10.0  10.5   7.5   6.5   7.5  10.0   6.5   5.0 6.5 10.5
 11   4.5   4.5   4.0   3.5   3.5   4.0   4.0   3.5   5.0   6.0   6.0   6.5   6.5  19.0  17.5  18.0  17.5  17.0  15.0  11.5   9.5   5.5   7.5   5.0 8.5 19.0
 12   4.0   5.5   7.5   8.5   9.0   8.0   7.5   9.0  12.5  17.5  18.5  19.5  21.5  16.5  14.5  19.5  20.5  19.5  17.5  16.5  16.5  17.0  16.5  12.514.0 21.5
 13  13.0  11.5  10.5   8.0  12.0  12.0  10.0  12.0  21.0  22.5  20.5  21.0  16.5  18.5  19.0  17.0  19.0  17.0  16.0   7.0   5.0   6.5   4.0   6.013.5 22.5
 14   7.0   6.0   4.0   5.5   4.5   6.5   4.5   7.0   6.5  10.0  15.0  16.0  15.5  12.0  12.0  10.5  11.5   7.0  10.0  12.0  11.5   7.5   8.0  14.5 9.5 16.0
 15  11.5  11.5  13.0  10.5  15.0  15.5  13.5  17.0  20.5  20.0  20.5  21.5  22.0  21.5  20.0  19.5  18.5  16.0  13.0   8.5   8.5   8.0   5.5   6.015.0 22.0
 16   4.0   4.0   5.0   5.0   4.5   4.5   4.0   8.0  12.0  10.5  10.5  12.0  11.5  13.5  10.5  10.0  22.0  22.5  11.5   9.5   8.0   5.0   6.0   6.0 9.0 22.5
 17   8.0   6.5   7.5   6.5   7.0   6.0   7.5   4.5   7.5   7.5   5.5   6.5   9.5  11.0   9.0  10.0   9.0   8.5   8.5   7.5   9.0   9.0   9.0  10.5 8.0 11.0
 18  10.5   7.0   6.0   3.5   4.5   5.5   4.0   4.5   6.0   6.0   6.5   6.5  14.0  16.5  15.5  16.5  17.0  11.0  11.5  11.5  16.5  13.5   7.5   4.0 9.5 17.0
 19   4.5   4.5   5.5   9.0   7.0   4.5   4.0   5.0   7.0   8.5   7.5   6.5   6.5   6.0   8.0   6.5   8.0   6.0   5.0   8.0   9.0  10.0  11.0   9.5 7.0 11.0
 20   5.0   7.0   5.0   5.0   5.0   7.0   5.5   5.5   6.0   7.0  10.0  10.5   8.0   9.5   8.0   7.5   7.0   9.0   9.0  11.0  13.5  17.0  16.5  13.0 8.5 17.0
 21  12.0  12.5   9.0   9.0  10.0   6.0   9.5   8.5   6.5   8.5  11.0  15.5  13.5  17.5  16.5  14.5  10.5   9.0  10.0   9.0   5.5   7.0   5.0   5.010.0 17.5
 22   5.0   8.0   7.5   7.0  11.0  13.5  13.5  18.0  19.0  20.5  18.5  16.0  16.0  16.0  11.0   8.0  10.5   8.5  17.0  14.5  12.5  17.0  10.0  13.013.0 20.5
 23   6.5   9.5  11.5  10.0  11.0  11.5  11.5  13.0  13.5  15.0  15.5  16.5  16.5  17.0  14.5  16.5  15.5  12.5  15.0  11.5   7.0   4.5   4.5   5.012.0 17.0
 24   6.0   4.0   4.0   4.0   4.0   3.5   4.0   4.5   6.0   8.0   6.5   8.0   7.0   8.0   8.5   8.0   7.0   7.0   5.0   8.5  15.0  12.5   9.0   7.0 7.0 15.0
 25   5.5   5.5   4.5   4.0   4.0   3.5   5.0   8.0  13.0  10.5  10.5  10.0  17.5  24.0  29.0  25.0  22.5  15.5   8.5   8.5  10.5   8.0   5.5   8.511.0 29.0
 26  12.5  10.0  10.0  13.0  12.5  17.0  17.0  14.0   9.0   8.5  12.5  10.0   9.0  11.5  12.5  12.0  10.0  13.0   7.0   8.5   5.0   9.5   5.0   4.510.5 17.0
 27  10.5   8.5   6.0   8.0   7.0   6.5   5.0   7.0   6.0   6.5   7.0   8.5   8.0   7.0   8.5   8.0   8.0  14.0  12.0   7.5   5.5   6.0   4.5   4.0 7.5 14.0
 28   4.5   4.0   4.0   4.0   4.5   4.0   3.5   5.0   6.0   7.0   7.5   8.0  10.5  10.0  10.0   9.5  10.0   8.0   8.5   7.0   9.0   6.5   4.5   4.5 6.5 10.5
 29   5.0   5.0   3.5   6.5   4.5   5.0   4.5   5.5   7.5   6.0   7.0   8.5  10.5  10.0   9.5  10.0  18.5  15.5  15.0  11.5   8.0   5.0   9.0   7.5 8.0 18.5
 30   8.0   6.0   7.0   7.0   7.0   6.0   6.0   9.5  11.5  13.0  14.5  15.5  15.0  13.5  12.0  13.5  13.5  14.0  11.5   7.5   4.0   4.0   4.5   5.0 9.5 15.5
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV   7.5   7.0   6.5   6.5   7.0   7.0   6.5   7.5   9.0  10.0  11.0  11.5  12.0  13.0  13.0  13.0  14.5  13.0  11.5   9.5   9.5   8.5   7.5   7.5 9.5 [   ]
 SD   3.4   2.9   2.7   3.0   3.7   4.0   3.8   3.9   4.6   4.7   5.1   5.4   4.9   4.9   4.9   4.9   6.2   5.1   4.1   2.9   3.5   4.2   3.5   3.5 2.6 [   ]

OUTPT  [VERSION N   26 APR 76]
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WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	195	75	185	145	160	140	35	130	135	70	345	340	20	335	300	285	295	270	160	160	180	240	150	180	8	
2	65	160	160	225	140	180	100	105	15	95	15	5	325	355	290	15	290	205	210	175	165	175	175	100	9	
3	80	190	45	200	5	185	200	170	150	85	65	340	10	35	20	20	40	190	45	95	175	315	320	285	9	
4	185	335	85	170	300	120	190	190	175	170	185	175	185	190	185	185	195	180	165	190	190	185	190	180	9	
5	195	190	185	195	200	355	20	5	25	15	20	25	20	20	30	20	10	15	20	20	20	15	15	10	[VA]	
6	35	20	15	15	20	15	0	350	35	345	15	5	305	275	330	0	325	350	60	35	305	230	0	315	2	
7	270	335	20	0	155	355	20	5	295	15	15	10	325	300	20	25	345	30	170	225	225	180	205	0	1	
8	190	180	75	250	205	100	220	140	65	30	5	30	20	25	10	10	350	35	35	335	345	25	255	330	1	
9	10	20	35	25	35	30	165	235	25	135	15	20	340	25	20	35	230	205	190	190	185	250	160	195	2	
10	80	210	190	195	195	190	185	195	200	200	15	0	10	5	355	290	230	200	195	210	205	170	340	310	10	
11	350	190	185	25	270	245	185	225	85	40	350	25	20	20	20	0	355	270	185	195	170	190	150	165	2	
12	170	175	125	155	195	130	155	185	70	25	40	0	30	10	10	0	335	275	205	35	350	175	170	245	9	
13	215	175	65	205	165	170	155	195	120	50	35	30	15	20	20	0	295	65	165	240	180	195	115	290	[VA]	
14	175	355	70	190	10	210	210	200	10	20	0	30	15	45	5	255	210	190	190	235	215	205	345	355	10	
15	205	60	270	210	190	295	175	175	50	75	350	0	290	15	30	320	315	265	275	210	210	245	210	210	10	
16	245	240	205	175	185	185	185	195	190	190	265	290	335	350	230	325	310	150	190	190	185	195	190	205	[VA]	
17	185	275	260	275	275	280	280	290	345	280	275	260	275	275	290	280	265	265	180	180	185	185	190	195	13	
18	210	205	190	180	190	185	190	130	250	275	265	270	275	270	275	275	275	275	260	305	210	185	160	65	[VA]	
19	200	205	130	225	220	255	240	115	80	20	295	320	350	25	25	355	310	280	275	235	275	265	280	265	13	
20	290	315	300	260	175	235	310	345	345	345	345	0	20	25	35	30	25	15	60	60	105	70	145	260	[VA]	
21	185	50	55	155	95	175	130	245	90	0	25	25	25	35	15	15	25	100	170	175	200	170	260	240	2	
22	140	130	160	200	135	160	120	125	15	30	30	30	15	35	30	30	335	220	185	185	175	180	170	130	[VA]	
23	195	105	135	210	165	200	150	85	180	15	15	15	45	10	30	10	320	95	195	205	260	225	200	145	10	
24	200	0	140	205	20	120	280	195	300	290	345	340	325	65	125	20	330	195	185	185	190	95	10	35	10	
25	50	165	175	130	145	205	185	175	355	55	45	40	40	30	25	155	350	205	190	195	220	230	20	305	9	
26	120	170	225	0	130	220	25	245	50	40	40	35	10	160	25	345	340	200	155	165	90	210	165	225	[VA]	
27	145	190	190	130	355	180	355	190	50	30	30	35	10	20	30	30	350	275	185	215	265	210	175	55	2	
28	225	10	230	215	180	320	250	355	15	5	30	25	15	30	235	195	200	190	185	180	180	180	185	205	9	
29	215	210	170	70	90	25	205	230	200	195	195	195	190	190	195	195	195	195	190	195	195	195	180	200	10	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	9	9	10	9	10	9	10	[VA]	[VA]	2	[VA]	[VA]	2	[VA]	[VA]	16	10	9	10	10	10	9	10	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	205	185	190	190	190	190	195	190	180	190	190	190	195	195	195	190	195	190	215	300	260	260	205	230	10	
2	165	25	45	40	40	20	110	90	0	345	0	15	335	320	295	295	300	285	260	255	215	205	195	220	[VA]	
3	200	175	240	165	280	155	180	55	50	45	40	20	20	25	30	15	295	20	35	20	200	35	330	350	2	
4	315	225	195	185	185	185	215	25	350	355	30	355	25	45	60	40	100	115	75	145	160	255	235	240	11	
5	230	215	220	295	245	170	155	175	70	50	60	40	5	30	25	15	355	170	170	175	165	170	175	265	9	
6	330	175	45	165	60	140	175	170	30	25	20	25	25	35	25	30	30	155	180	175	170	160	175	195	9	
7	145	30	125	135	150	100	165	5	30	35	40	30	25	25	35	20	15	340	190	200	160	205	140	200	2	
8	120	135	180	150	180	90	155	105	45	25	30	40	30	15	20	15	280	195	170	195	160	185	125	160	9	
9	165	160	230	135	135	145	145	130	80	35	35	30	35	25	30	10	65	225	185	205	190	220	150	175	7	
10	150	200	155	130	175	120	150	135	35	25	30	10	350	300	25	350	310	215	175	190	180	195	265	265	[VA]	
11	220	205	235	10	190	165	225	230	35	350	185	300	210	275	275	250	275	275	280	265	220	210	215	135	11	
12	50	80	95	80	80	75	80	85	75	80	55	35	20	315	250	355	285	270	260	175	190	185	175	215	5	
13	195	200	205	195	195	205	175	340	45	25	30	15	345	320	315	335	335	255	215	175	170	185	130	170	10	
14	340	165	230	275	290	165	200	315	340	325	30	10	20	20	315	215	265	245	270	275	320	265	285	215	[VA]	
15	230	275	230	195	330	330	215	150	350	275	260	350	250	295	260	0	305	75	155	165	220	240	215	185	11	
16	210	210	235	70	130	150	340	80	20	30	335	330	345	345	345	20	0	240	175	180	180	210	205	180	10	
17	15	195	80	65	310	75	60	35	245	35	30	20	20	5	330	350	10	345	175	200	195	210	195	215	2	
18	225	125	170	70	110	90	70	110	50	10	20	10	0	190	190	175	190	175	185	175	185	190	190	175	9	
19	180	185	180	180	250	275	275	280	275	260	280	280	275	285	275	275	280	275	270	270	275	290	290	285	13	
20	300	285	290	275	270	275	270	275	270	280	285	280	245	220	235	240	245	205	185	185	200	190	220	290	13	
21	200	240	200	210	220	250	230	230	250	275	280	280	275	290	285	290	280	275	275	270	315	195	220	305	13	
22	205	140	125	55	190	355	135	55	15	10	0	340	340	350	355	235	190	185	190	180	190	185	185	185	9	
23	195	200	200	220	215	195	245	235	270	215	195	295	215	250	235	255	190	275	305	285	305	285	255	235	11	
24	205	200	205	355	355	170	45	50	20	20	0	335	295	235	235	225	210	195	190	180	195	195	195	190	10	
25	190	190	190	190	190	215	320	280	285	285	335	245	145	85	40	60	50	265	170	220	220	215	200	205	9	
26	240	260	255	225	345	245	260	15	20	265	210	190	195	215	235	230	195	185	165	170	175	185	195	185	[VA]	
27	190	215	195	195	195	250	85	15	35	180	195	240	195	190	195	210	250	295	295	255	200	175	305	295	10	
28	290	310	270	260	210	205	205	200	220	285	235	245	270	295	300	320	305	340	0	25	100	35	95	210	14	
29	185	180	225	200	215	15	330	50	15	50	35	55	10	350	30	10	350	350	25	340	325	110	210	275	1	
30	280	250	245	230	170	190	215	25	5	220	245	260	300	280	230	285	345	20	45	135	180	200	225	190	11	
31	185	60	100	200	65	115	100	30	35	10	355	0	350	340	5	330	340	190	185	200	175	180	135	170	1	
PV	10	10	10	[VA]	9	9	[VA]	2	2	2	2	2	1	2	2	1	13	13	9	[VA]	[VA]	10	10	9	10	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	180	150	240	125	160	70	325	330	295	230	185	190	190	190	175	185	190	190	190	195	185	175	220	240	9	
2	220	200	210	230	20	30	175	0	35	45	15	20	315	5	345	350	5	350	280	195	185	90	255	160	2	
3	170	100	155	200	90	65	80	340	30	15	0	35	5	325	355	350	345	345	210	185	175	205	160	155	1	
4	150	295	190	145	15	210	205	30	20	30	0	0	350	15	335	220	190	185	160	150	175	310	200	160	9	
5	200	315	140	210	160	25	225	305	305	275	35	40	130	110	135	170	195	145	180	165	180	190	180	165	9	
6	165	165	160	140	190	195	190	190	210	200	220	225	220	215	220	200	220	255	215	240	195	185	175	185	9	
7	180	180	180	180	185	185	190	230	240	275	275	260	35	45	40	35	45	40	60	75	100	140	185	200	9	
8	170	180	200	195	205	45	165	25	20	10	5	340	350	15	10	10	165	185	185	170	145	250	5	25	1	
9	155	175	185	185	200	190	245	235	280	280	255	250	230	225	290	290	285	305	300	290	275	185	175	190	[VA]	
10	150	185	195	115	170	140	250	35	5	15	45	15	0	5	10	350	15	20	55	110	175	160	175	255	1	
11	200	135	350	175	140	180	110	0	20	15	355	340	20	190	185	190	185	190	190	180	190	225	185	15	9	
12	160	115	215	215	210	185	175	170	155	175	170	165	185	215	145	135	140	145	145	160	175	170	165	190	8	
13	175	170	155	175	165	165	165	185	185	190	195	190	205	195	190	195	185	190	195	175	145	205	195	245	9	
14	160	135	205	165	30	195	30	90	210	200	190	185	185	290	270	150	300	330	235	170	145	160	185	185	9	
15	185	180	185	180	175	180	185	190	195	190	190	185	195	190	190	190	190	195	295	340	0	10	50	85	[VA]	
16	155	215	315	220	280	210	25	200	185	190	280	275	250	290	250	280	200	195	205	220	190	20	40	105	10	
17	20	10	325	240	260	290	300	175	245	245	245	40	35	50	55	45	50	60	105	135	140	215	225	185	3	
18	135	185	190	170	190	30	25	25	40	50	75	340	125	150	160	185	180	190	300	210	190	185	100	170	9	
19	185	135	170	200	225	175	150	180	115	125	255	50	145	95	220	345	45	95	155	335	330	290	270	245	9	
20	180	185	5	190	140	180	60	15	345	175	175	255	275	285	310	245	230	275	230	180	185	185	185	190	9	
21	185	220	275	190	205	220	205	185	290	295	285	295	270	255	285	285	245	275	315	305	240	185	275	240	13	
22	175	195	165	215	215	185	185	190	190	190	195	210	245	285	275	190	250	245	180	180	175	285	290	285	9	
23	270	250	265	270	275	295	270	265	285	300	285	285	295	300	290	295	285	305	350	10	25	160	180	195	[VA]	
24	285	80	100	315	165	215	20	20	20	20	45	320	50	330	285	295	250	25	70	160	190	190	190	190	2	
25	150	185	335	175	190	140	0	215	200	350	295	335	215	185	180	235	290	290	215	160	150	175	210	230	9	
26	280	270	215	175	185	180	185	170	200	185	185	220	230	190	240	190	145	290	335	145	195	225	25	335	9	
27	215	195	290	255	290	140	175	190	175	55	30	275	340	285	20	10	340	350	350	330	265	225	160	270	[VA]	
28	220	120	55	275	10	190	65	25	15	5	320	300	265	275	320	15	0	355	10	90	130	170	280	90	1	
29	230	210	205	180	200	190	115	20	10	10	10	345	345	330	340	300	350	15	25	35	90	90	70	90	1	
30	70	130	90	60	95	110	70	40	60	50	35	30	35	35	55	30	30	25	35	40	270	180	170	45	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	9	[VA]	9	9	9	10	9	[VA]	2	2	9	16	11	14	14	9	9	[VA]	9	9	9	9	9	9	10	

Data Documents Inc

WIND DIRECTION ■ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	215	315	210	10	295	20	255	160	130	5	345	315	225	345	310	305	330	325	230	130	195	295	220	280	15	
2	240	305	280	285	45	230	255	325	345	225	15	345	320	25	300	15	295	225	310	200	280	240	80	15	15	
3	25	315	10	270	5	260	285	50	355	[VA]	255	300	5	300	10	30	40	285	270	25	265	5	65	25	1	
4	70	0	80	355	310	290	205	200	190	180	195	185	195	200	200	200	205	195	180	200	200	200	200	195	[VA]	
5	205	200	195	210	215	355	30	20	35	25	30	35	30	30	35	30	20	25	30	25	30	25	25	20	2	
6	40	30	20	25	30	15	10	0	40	5	25	15	315	285	340	10	330	355	55	40	300	235	5	325	2	
7	285	340	25	10	165	5	20	5	310	20	20	15	335	310	25	25	350	25	165	270	240	220	210	65	1	
8	160	265	55	265	340	75	280	155	65	15	20	35	25	35	15	15	350	40	40	330	350	30	260	335	[VA]	
9	5	15	40	40	45	35	215	250	25	215	20	25	345	30	25	40	230	215	205	205	195	260	195	125	2	
10	60	220	185	205	205	205	195	205	210	210	355	5	35	15	0	300	240	245	210	230	220	235	0	345	11	
11	355	310	185	20	355	275	205	275	350	60	340	30	25	25	25	5	0	315	210	215	125	225	270	125	1	
12	210	245	30	125	240	95	90	170	85	25	25	5	40	20	20	5	340	310	230	15	0	150	155	150	2	
13	210	195	30	105	270	220	15	110	180	45	40	35	20	25	20	5	300	45	140	355	175	215	95	25	2	
14	160	195	345	251	75	230	220	150	30	20	5	35	20	65	0	265	225	200	200	230	235	210	275	325	11	
15	285	70	80	325	200	330	245	150	345	80	5	350	300	15	40	310	310	275	285	225	220	255	230	230	15	
16	245	270	220	195	195	200	200	210	205	200	275	295	345	355	240	335	310	160	200	205	200	205	205	215	10	
17	200	280	270	285	285	285	290	295	350	285	280	285	285	285	295	290	290	290	205	195	200	200	200	205	14	
18	220	215	200	195	200	200	205	195	240	285	275	275	280	280	285	280	285	285	270	310	250	190	245	45	13	
19	235	185	60	255	225	5	270	35	25	25	305	335	0	35	35	15	320	285	285	245	280	270	290	275	[VA]	
20	300	320	310	275	185	300	315	350	355	355	0	10	30	35	40	40	35	25	65	70	75	70	115	235	4	
21	280	50	50	40	80	70	215	5	100	20	30	35	30	40	25	30	35	25	65	310	205	340	345	15	3	
22	200	345	265	10	50	45	350	105	110	35	35	40	15	45	35	35	345	275	225	260	180	265	50	0	3	
23	165	55	30	180	20	20	10	70	240	40	25	30	30	20	40	10	330	20	225	215	335	250	255	120	2	
24	205	25	60	210	345	110	310	265	285	300	50	350	335	80	125	25	345	350	185	190	290	10	10	20	1	
25	5	300	320	30	340	210	40	95	15	345	45	45	45	50	40	105	350	225	210	205	225	235	205	255	3	
26	355	165	120	345	210	250	350	260	70	20	45	40	30	65	30	350	345	220	265	210	5	260	170	15	[VA]	
27	130	65	20	310	35	295	355	290	60	40	30	40	15	25	35	35	0	335	240	200	285	245	185	20	[VA]	
28	285	340	285	45	5	10	330	135	70	75	10	40	25	15	240	210	225	200	200	195	195	190	200	215	10	
29	220	235	230	280	30	255	225	295	210	215	210	205	205	210	205	205	210	210	200	210	205	205	195	220	11	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	[VA]	2	13	[VA]	10	[VA]	8	2	2	2	2	2	[VA]	2	2	16	[VA]	10	[VA]	[VA]	11	10	2	2	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	230	195	205	200	205	205	205	205	190	200	205	200	205	205	205	205	205	205	230	310	275	275	220	245	[VA]	
2	180	40	65	55	45	30	115	100	10	0	15	25	345	335	300	305	305	300	270	265	225	215	205	165	2	
3	265	135	285	145	325	185	215	30	25	65	40	20	25	30	35	20	305	30	50	20	225	45	345	355	[VA]	
4	315	235	210	195	200	210	220	35	5	5	40	5	30	60	70	50	105	130	85	140	175	10	240	255	10	
5	250	225	225	285	340	280	290	315	15	80	105	45	10	35	30	20	5	150	140	180	0	70	65	120	2	
6	45	265	15	50	20	100	25	180	70	55	25	30	30	40	30	35	30	125	160	175	265	145	175	120	3	
7	65	75	30	45	100	40	260	55	85	35	35	35	35	35	40	25	25	5	215	220	210	290	85	300	3	
8	15	270	320	30	230	45	300	0	265	20	30	40	35	25	25	20	280	240	205	250	135	145	130	55	2	
9	355	40	265	45	25	70	70	70	130	15	30	30	35	20	30	15	0	235	325	105	200	240	75	210	2	
10	50	250	135	25	240	55	110	160	55	30	30	20	0	305	25	0	270	235	215	185	290	190	225	290	2	
11	260	185	280	330	205	175	230	240	50	340	200	225	220	280	280	265	285	285	285	275	230	215	230	110	13	
12	60	65	100	85	85	85	85	90	85	85	60	45	25	350	255	10	295	280	325	180	220	225	195	285	5	
13	200	180	195	350	165	335	140	20	25	25	35	25	350	330	330	345	345	270	240	190	355	170	275	130	[VA]	
14	5	230	250	290	300	175	200	350	350	255	30	20	25	25	315	225	275	255	280	285	325	275	305	230	2	
15	250	255	335	190	320	340	220	235	350	280	270	10	260	295	255	45	320	80	155	150	245	275	225	220	12	
16	225	220	240	350	130	85	325	340	350	25	345	345	355	350	0	0	10	285	5	170	220	230	205	195	1	
17	335	200	35	25	340	55	45	335	250	30	35	25	35	15	335	0	15	35	80	235	215	230	205	215	2	
18	255	330	110	40	335	75	30	105	290	20	30	30	320	205	200	190	205	190	195	190	200	205	205	195	10	
19	195	200	195	195	260	285	285	290	285	290	290	290	285	295	285	280	285	285	275	280	280	300	295	290	[VA]	
20	310	295	300	285	280	285	275	285	280	285	295	235	250	235	250	255	250	220	205	200	210	200	225	305	14	
21	215	250	220	225	215	245	240	240	260	280	290	290	285	300	295	295	290	285	285	275	340	210	240	315	14	
22	230	35	205	10	150	10	285	75	30	20	10	345	345	0	10	250	200	200	205	190	200	200	195	200	10	
23	205	210	210	230	230	210	250	245	270	220	210	300	225	260	245	265	205	285	315	300	320	295	270	245	[VA]	
24	215	235	240	335	5	280	20	60	25	25	5	320	300	245	245	230	220	205	200	195	205	205	205	200	11	
25	205	205	205	200	205	230	325	295	290	295	345	260	155	100	60	65	60	275	180	225	235	230	255	215	[VA]	
26	255	270	260	230	260	215	40	165	20	275	220	200	210	230	250	235	205	200	180	185	190	200	205	200	10	
27	200	210	210	205	245	35	70	25	10	195	210	250	205	205	210	220	265	300	305	270	210	185	320	300	10	
28	290	320	280	275	230	195	225	215	215	295	255	260	280	305	310	340	315	350	10	25	35	40	70	355	[VA]	
29	220	40	210	225	250	40	20	70	20	50	15	85	20	0	35	15	0	0	35	350	345	45	230	290	2	
30	290	260	260	240	175	200	215	50	20	230	250	270	305	280	245	290	335	30	50	90	165	210	250	200	[VA]	
31	350	0	35	225	50	355	10	50	40	25	5	5	0	350	15	345	345	200	195	210	190	195	180	210	1	
PV	11	11	10	[VA]	11	10	11	3	2	2	2	2	2	2	2	2	15	14	10	9	10	10	11	10	10	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	285	255	280	350	315	0	345	315	270	265	210	215	210	215	210	205	205	205	205	205	200	195	225	255	10	
2	235	210	215	230	15	340	160	350	20	45	30	30	335	10	0	0	10	0	330	205	230	345	250	295	1	
3	225	45	335	115	0	30	345	60	30	30	15	40	10	340	5	0	350	350	340	10	165	15	295	45	1	
4	355	55	260	185	45	175	160	30	20	35	5	10	0	20	345	220	205	195	165	190	185	5	245	225	1	
5	295	355	0	240	75	5	85	290	260	285	45	70	145	120	135	185	205	160	195	180	190	200	195	180	9	
6	175	175	175	190	205	205	205	205	215	215	230	240	230	230	235	215	230	265	230	245	205	200	190	195	10	
7	195	195	195	195	200	200	205	240	250	285	290	255	50	50	45	45	55	45	70	85	105	115	200	255	10	
8	190	220	245	225	220	80	205	35	30	25	15	5	5	35	25	55	180	195	195	180	145	70	85	20	2	
9	170	185	205	205	205	155	270	255	295	285	260	255	245	240	295	290	295	315	310	300	300	195	195	275	14	
10	295	295	260	210	20	165	20	45	355	25	345	15	350	10	15	345	25	30	45	105	180	225	180	310	[VA]	
11	240	140	0	340	45	120	355	295	25	25	5	0	35	200	195	205	200	200	200	195	200	250	205	325	10	
12	280	160	220	200	205	200	205	185	170	190	185	180	200	225	160	150	150	155	155	170	185	180	175	200	9	
13	185	180	165	185	175	180	180	195	200	200	210	200	215	210	200	210	200	205	205	185	140	215	180	285	10	
14	170	180	220	150	20	215	5	150	245	215	200	195	195	295	280	175	315	340	250	185	155	175	200	200	[VA]	
15	200	195	200	195	190	190	200	205	205	200	200	200	205	205	205	205	205	210	305	345	5	20	55	85	[VA]	
16	125	185	320	215	30	180	30	175	200	200	285	285	260	295	270	290	210	205	215	230	205	355	45	110	10	
17	30	15	335	250	275	300	305	270	255	255	270	45	45	55	60	55	60	70	110	140	155	225	235	195	3	
18	145	195	205	175	165	350	0	35	50	65	50	5	135	165	170	195	195	205	310	225	200	195	110	240	10	
19	345	125	170	205	235	200	145	195	125	135	275	65	160	100	225	0	50	100	155	340	345	300	250	255	7	
20	200	205	345	205	270	200	65	295	320	195	190	260	285	285	320	260	195	285	240	195	200	195	195	200	10	
21	200	225	280	200	210	255	210	175	255	295	290	300	275	265	295	295	255	285	320	315	275	190	320	300	[VA]	
22	190	205	275	210	215	195	200	205	205	205	210	225	255	300	285	205	260	255	200	195	190	290	300	300	10	
23	295	265	270	275	285	300	280	270	290	305	295	295	300	305	300	305	295	320	0	20	25	110	210	305	14	
24	325	25	55	340	315	355	15	30	25	30	55	355	15	355	300	310	265	35	85	155	195	200	200	210	2	
25	5	200	340	265	355	130	10	195	215	0	305	345	230	195	195	245	295	300	225	170	160	175	210	240	10	
26	290	275	225	190	195	195	195	185	215	195	195	225	240	205	250	200	160	300	340	115	180	235	35	230	10	
27	225	200	305	270	295	155	210	205	190	105	25	290	350	275	20	5	350	0	0	345	300	255	220	270	1	
28	230	125	350	275	15	330	25	30	25	15	20	350	270	300	340	20	5	15	20	100	130	95	15	305	1	
29	295	295	280	240	210	225	100	45	20	20	25	355	355	340	350	315	0	20	35	45	95	75	75	95	2	
30	85	130	100	80	105	110	80	50	70	60	40	40	45	45	60	40	40	30	40	45	5	250	175	80	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	9	10	16	10	10	9	10	10	2	2	2	1	1	[VA]	[VA]	10	10	10	10	10	9	10	10	[VA]	10	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	240	325	10	5	295	30	355	255	125	245	285	335	40	0	315	300	240	320	[VA]	145	210	290	330	285	14	
2	350	290	220	240	205	220	300	10	340	180	20	340	305	45	315	20	310	250	355	215	330	245	95	10	16	
3	5	315	15	285	15	315	305	300	30	330	315	300	15	310	330	250	305	280	5	20	310	60	255	250	15	
4	195	330	250	330	315	240	215	215	205	200	210	200	205	210	210	210	215	205	195	215	215	215	215	210	11	
5	215	210	210	225	225	295	50	30	50	40	40	45	40	40	55	45	35	45	35	40	40	45	40	35	3	
6	60	45	35	40	40	25	20	10	55	40	35	25	325	300	350	20	335	5	50	45	310	350	20	345	2	
7	315	340	40	25	335	15	35	0	310	20	35	25	305	330	30	25	355	15	345	315	10	270	340	310	[VA]	
8	340	250	0	290	310	80	280	210	275	310	30	45	40	50	30	25	0	340	210	320	310	45	275	345	15	
9	15	355	45	15	75	45	310	275	35	285	40	40	355	40	35	315	230	230	215	215	215	270	265	265	3	
10	310	225	210	225	220	215	210	215	220	225	10	20	35	25	10	310	255	275	225	240	245	330	5	235	11	
11	340	15	180	285	340	285	300	290	5	250	345	45	35	35	30	10	10	335	345	275	45	220	315	95	16	
12	265	255	315	355	235	300	40	230	155	340	355	15	45	30	30	15	345	330	240	330	240	190	150	260	2	
13	340	355	330	20	[VA]	250	340	100	340	345	15	40	35	40	35	15	315	55	125	20	355	250	290	5	[VA]	
14	150	265	10	[illegible]	275	290	235	175	55	15	30	15	35	210	15	275	240	205	210	235	245	215	300	330	13	
15	300	305	230	345	240	330	335	220	310	0	0	325	315	45	355	315	310	295	300	240	240	270	240	255	15	
16	255	270	240	210	210	215	210	220	215	215	290	310	350	15	270	335	330	255	215	215	215	225	220	225	11	
17	215	300	285	300	300	300	305	305	350	300	300	305	295	295	310	305	300	305	225	210	215	215	215	220	[VA]	
18	230	225	215	210	215	215	215	210	245	295	290	295	290	300	300	295	300	295	285	320	260	230	225	5	14	
19	300	160	40	270	15	35	250	195	20	40	315	340	15	50	340	15	320	305	300	265	290	285	310	295	[VA]	
20	305	345	320	295	195	300	340	5	5	10	10	20	40	45	50	45	45	40	75	80	80	75	100	245	3	
21	220	[VA]	60	20	215	35	340	40	295	270	330	55	45	60	45	45	50	40	30	30	320	345	15	0	3	
22	230	0	235	340	285	110	35	340	125	45	40	50	40	60	45	50	355	295	295	285	150	240	25	355	3	
23	245	5	40	95	180	325	275	120	260	25	40	330	45	45	55	40	5	355	240	225	10	270	250	245	12	
24	300	35	330	210	350	280	320	305	285	305	35	345	340	40	195	35	15	25	280	270	195	345	20	310	15	
25	10	330	295	255	310	275	45	10	250	25	55	50	55	45	40	10	15	335	225	215	230	235	195	260	3	
26	315	285	300	50	205	270	315	260	230	300	55	55	315	315	305	0	355	225	290	325	250	275	230	215	14	
27	230	310	345	310	45	10	10	275	80	285	40	55	20	40	35	25	30	350	260	235	310	255	175	295	3	
28	250	355	300	140	190	310	15	220	320	195	335	60	50	315	240	225	225	220	215	210	210	205	210	220	11	
29	230	240	230	280	275	210	235	285	225	225	230	225	220	220	220	220	225	225	220	225	220	225	215	230	11	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	11	16	11	14	10	14	15	11	11	[VA]	3	3	3	3	2	2	1	16	11	11	11	11	11	11	11	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	250	215	220	215	215	220	220	215	205	215	220	210	225	225	220	220	215	215	230	315	295	300	240	255	11	
2	195	150	75	75	60	45	180	115	310	15	30	35	355	350	315	310	310	310	285	285	230	225	210	300	[VA]	
3	255	335	300	290	265	310	265	10	300	330	[VA]	25	30	40	45	30	310	40	60	355	225	250	330	0	16	
4	320	245	225	205	210	220	230	10	10	20	55	20	50	80	85	60	120	135	105	150	180	15	255	255	11	
5	265	230	230	330	30	350	310	335	330	135	250	45	25	45	30	30	15	75	75	150	5	50	80	315	2	
6	270	325	10	200	95	310	75	130	240	45	270	40	40	45	35	45	40	270	255	235	280	340	300	15	3	
7	230	85	215	180	70	10	340	245	190	320	30	40	40	50	45	40	40	30	290	230	240	305	305	310	3	
8	330	40	290	355	235	205	315	355	120	35	30	45	45	40	40	40	330	270	225	270	350	150	135	50	3	
9	75	30	30	60	325	130	105	90	225	340	20	35	45	10	45	40	330	245	10	345	185	285	80	235	3	
10	345	330	345	20	270	40	345	300	315	210	35	30	355	320	35	5	315	240	270	170	285	295	280	340	15	
11	270	275	355	10	210	180	240	270	170	300	215	280	230	300	295	285	300	300	305	290	240	230	235	185	13	
12	60	90	105	100	100	90	90	100	90	90	75	55	40	345	255	350	310	300	300	190	240	225	205	315	5	
13	195	305	230	0	65	355	70	345	320	35	50	40	0	345	350	15	0	285	260	205	350	90	300	255	1	
14	10	275	255	270	320	310	215	275	345	350	40	30	35	45	310	240	295	270	295	295	335	285	310	245	14	
15	260	275	320	330	310	305	235	270	355	295	285	275	275	300	45	15	340	90	180	150	205	300	225	240	14	
16	240	225	240	235	300	240	15	275	345	15	335	0	10	0	10	355	15	310	15	345	270	240	215	220	1	
17	0	240	5	15	315	30	345	350	250	285	45	30	45	30	345	15	30	45	60	320	235	240	215	225	2	
18	245	285	300	275	340	50	25	180	290	0	45	45	345	220	205	200	215	200	205	200	210	220	215	210	[VA]	
19	215	210	210	215	280	295	295	300	295	310	295	300	300	310	290	295	295	290	285	295	290	320	315	300	14	
20	320	315	315	295	290	295	290	295	295	300	310	310	265	260	265	280	270	250	225	215	225	215	250	0	14	
21	230	270	230	225	250	275	260	265	280	290	300	300	310	315	320	315	315	300	310	295	340	260	255	325	[VA]	
22	325	0	300	315	265	20	340	200	15	0	15	15	20	20	300	265	215	215	215	200	220	215	215	220	11	
23	225	225	220	230	240	225	260	250	285	230	225	320	250	280	265	280	220	315	335	320	335	320	280	265	11	
24	240	260	5	330	320	325	345	0	20	10	30	15	330	250	255	250	235	220	215	205	220	215	215	215	[VA]	
25	215	215	215	215	215	235	245	310	310	310	5	275	170	115	65	30	40	300	200	335	255	240	255	250	[VA]	
26	270	285	270	235	265	250	230	260	300	295	250	215	225	265	250	265	280	215	200	205	210	210	220	215	11	
27	215	225	220	215	250	260	270	0	200	215	240	265	225	225	225	250	280	320	320	280	235	200	330	320	11	
28	300	320	300	280	240	250	255	235	235	310	265	250	300	320	335	10	335	15	20	30	15	20	20	0	[VA]	
29	280	275	260	250	230	250	0	50	30	20	10	315	15	20	20	20	5	20	15	0	15	20	330	315	[VA]	
30	315	275	275	260	190	210	230	10	30	240	265	280	330	300	265	315	5	15	35	55	270	240	265	230	13	
31	335	260	30	320	85	310	0	335	330	5	20	25	20	10	25	350	5	210	210	210	190	195	215	240	1	
PV	11	13	11	11	13	12	[VA]	13	14	1	2	2	2	[VA]	3	2	15	14	[VA]	10	[VA]	11	12	12	14	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	295	295	280	255	230	290	345	320	330	280	215	220	215	220	220	220	220	220	220	220	215	215	240	270	11	
2	245	225	215	230	30	330	330	215	15	55	0	20	15	15	20	20	20	20	355	5	215	20	270	260	2	
3	325	215	20	15	355	350	345	65	15	15	15	5	15	5	20	15	20	20	20	340	345	180	355	5	1	
4	355	200	330	335	270	345	340	165	355	15	350	350	345	5	20	240	225	215	180	180	220	0	245	300	1	
5	335	315	275	225	315	20	190	200	265	300	15	35	145	145	145	180	220	185	205	190	200	215	215	200	10	
6	190	200	190	210	230	230	230	215	225	225	240	205	260	235	260	230	255	280	255	260	215	215	215	210	11	
7	215	215	210	210	210	215	215	265	260	290	310	300	345	50	60	60	80	80	95	110	130	65	225	295	11	
8	260	350	5	250	230	195	330	70	50	45	25	30	15	355	50	355	195	215	210	195	150	125	135	235	1	
9	190	195	210	220	320	215	285	270	305	315	275	270	245	270	315	300	320	330	325	315	310	220	200	310	15	
10	270	300	270	245	355	160	355	45	0	35	55	15	55	45	40	30	45	45	60	115	280	235	215	350	3	
11	270	160	345	350	50	255	345	300	50	45	15	15	10	215	210	215	215	215	215	210	210	275	220	310	11	
12	295	235	220	210	210	205	215	200	245	205	195	195	215	240	165	155	165	170	170	185	195	195	185	210	10	
13	195	190	180	195	190	195	190	210	210	215	220	210	225	215	210	220	210	210	215	200	165	220	140	295	10	
14	195	300	0	160	20	220	30	300	225	235	215	205	215	270	260	200	340	0	255	195	175	180	215	215	10	
15	215	210	210	210	205	205	210	215	215	215	210	215	215	215	215	215	220	300	0	15	30	75	100	100	[VA]	
16	100	290	325	255	290	180	55	240	215	220	295	300	280	310	285	300	220	220	225	240	215	350	60	125	[VA]	
17	45	20	345	270	285	315	325	280	265	270	300	75	60	80	80	75	80	90	125	150	165	240	245	205	13	
18	150	205	210	240	300	320	15	30	55	75	45	340	35	170	190	200	200	225	325	230	210	205	135	265	10	
19	15	280	170	215	240	205	215	215	135	160	305	315	240	310	240	340	25	300	210	345	355	315	295	270	[VA]	
20	195	215	320	215	240	230	300	245	295	190	200	255	290	315	340	270	215	290	250	210	215	210	210	210	11	
21	215	240	285	215	215	235	215	210	250	310	310	315	285	270	315	300	255	310	335	330	295	195	340	315	15	
22	250	215	300	215	220	205	210	220	220	215	220	230	260	315	300	215	275	255	215	210	200	315	315	315	11	
23	260	275	280	285	300	305	295	285	305	315	305	305	310	315	315	320	310	325	10	25	30	345	305	200	14	
24	275	5	10	340	335	240	350	50	30	35	60	320	55	15	290	330	270	45	90	180	205	210	210	215	[VA]	
25	240	255	340	295	305	300	325	195	245	335	320	0	255	210	205	270	305	315	250	180	190	200	260	260	15	
26	310	295	235	210	210	210	215	205	225	205	210	235	260	225	260	215	215	315	350	295	190	245	5	335	[VA]	
27	235	225	315	285	315	250	225	225	225	300	15	310	0	340	10	45	355	15	15	0	330	275	270	290	1	
28	240	310	20	245	35	340	350	50	30	30	30	0	285	300	345	25	25	20	40	95	140	35	20	300	2	
29	315	315	305	365	350	240	150	30	30	45	45	45	10	0	345	330	15	30	50	55	105	80	90	100	3	
30	100	135	145	100	105	110	165	60	80	75	60	50	55	60	75	50	50	50	55	55	20	325	170	280	4	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	12	11	16	11	11	11	16	11	11	3	2	[VA]	13	11	15	11	11	2	11	10	10	[VA]	11	13	11	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-7	-8	-8	-9	-9	-10	-11	-11	-11	-9	-2	-3	-2	-1	0	0	-1	-2	-3	-4	-4	-5	-6	-7	-6	0
2	-7	-8	-9	-9	-10	-10	-11	-11	-10	-8	-7	-5	-3	-3	-2	-2	-2	-3	-4	-5	-5	-6	-7	-7	-6	-2
3	-8	-9	-9	-10	-12	-11	-11	-12	-10	-10	-9	-6	-4	-2	-2	-1	-1	-1	-2	-3	-2	-4	-5	-6	-6	-1
4	-6	-7	-8	-7	-5	-3	6	6	6	6	5	5	6	6	7	7	6	5	5	5	5	6	6	6	3	7
5	6	5	5	5	4	-1	-4	-5	-6	-6	-6	-6	-5	-4	-4	-5	-6	-7	-8	-9	-9	-9	-9	-9	-4	6
6	-9	-10	-10	-10	-11	-11	-11	-11	-10	-10	-9	-8	-7	-7	-7	-7	-7	-8	-9	-9	-9	-8	-9	-9	-9	-7
7	-9	-10	-10	-10	-10	-10	-10	-9	-9	-9	-8	-7	-7	-6	-7	-7	-6	-8	-9	-9	-9	-9	-9	-10	-9	-6
8	-9	-10	-10	-9	-10	-10	-10	-10	-10	-9	-8	-6	-5	-4	-4	-4	-4	-5	-5	-6	-6	-6	-6	-5	-7	-4
9	-5	-5	-5	-5	-5	-4	-4	-4	-4	-3	-2	-1	-1	-1	0	1	7	7	6	6	6	1	-1	-1	-1	7
10	-1	3	4	4	4	4	3	4	4	5	4	4	5	5	5	5	6	4	3	3	2	0	0	-1	3	6
11	-2	-3	-3	-4	-5	-5	-6	-6	-5	-4	-2	-1	0	1	2	2	2	1	0	0	-2	-3	-4	-3	-2	2
12	-5	-5	-6	-6	-6	-7	-7	-7	-7	-5	-4	-2	-1	0	2	2	2	1	0	-1	-2	-3	-3	-3	-3	2
13	-3	-3	-4	-4	-4	-5	-5	-6	-5	-4	-2	0	1	1	2	3	3	1	0	0	-1	-1	-2	-2	-2	3
14	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	1	2	2	4	4	1	4	3	3	3	3	3	1	0	1	4
15	-1	-2	-2	-3	-3	-3	-4	-4	-3	-2	0	1	2	3	4	5	5	4	2	1	1	1	0	0	0	5
16	0	-1	-1	-1	-2	-2	-2	-3	-2	0	1	2	3	3	4	3	3	2	3	3	3	3	4	3	1	4
17	3	0	0	0	0	-1	-1	-2	-2	-1	0	1	2	2	3	3	4	3	1	2	1	2	2	2	1	4
18	2	2	2	2	2	3	3	3	4	5	4	5	5	6	6	5	5	4	4	3	2	1	1	-1	3	6
19	-1	-2	-3	-4	-3	-4	-3	-4	-3	-2	-1	1	3	4	6	6	4	2	-1	0	0	0	-1	-3	0	6
20	-3	-3	-4	-4	-4	-4	-3	-3	-3	-3	-2	-2	-1	0	0	0	-1	-2	-3	-4	-5	-5	-5	-6	-3	0
21	-8	-9	-10	-12	-12	-13	-14	-14	-12	-10	-7	-5	-3	-2	-1	-1	0	-2	-4	-4	-5	-6	-8	-8	-7	0
22	-9	-10	-11	-12	-12	-12	-13	-13	-11	-10	-7	-4	-3	-1	-1	0	0	-1	-2	-3	-5	-5	-6	-7	-7	0
23	-8	-9	-9	-10	-10	-11	-11	-11	-9	-7	-5	-3	-2	0	1	2	3	1	-1	-1	-2	-3	-4	-4	-5	3
24	-4	-4	-4	-4	-4	-3	-3	-3	-2	-1	-1	0	1	2	5	6	6	5	3	2	2	1	0	-1	0	6
25	-2	-2	-3	-4	-4	-5	-5	-5	-4	-1	1	2	4	6	7	8	9	8	7	6	5	5	4	3	2	9
26	1	0	-1	-1	-2	-2	-3	-3	-2	0	2	3	5	7	8	9	9	7	6	5	5	4	3	1	3	9
27	1	0	0	-1	-1	-2	-3	-3	-1	1	3	4	6	7	8	9	10	9	7	7	6	5	4	2	3	10
28	1	0	0	-1	-1	-1	-2	-2	-1	0	2	4	5	9	13	14	14	13	12	10	9	8	8	8	5	14
29	8	7	5	4	3	3	7	5	9	11	12	13	14	14	14	14	14	13	12	12	11	11	11	10	10	14
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-3	-4	-4	-4	-5	-5	-5	-5	-4	-3	-2	0	1	2	3	3	3	2	1	0	0	-1	-1	-2	-1	[ ]
SD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]

OUTPT [VERSION N 26 APR 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	9	8	8	8	8	7	7	9	10	10	11	13	13	12	13	11	10	10	3	1	0	-1	-2	8	13
2	-2	-2	-3	-3	-3	-4	-5	-4	-4	-3	-2	-2	-2	-2	-2	-2	-3	-3	-4	-4	-4	-5	-5	-7	-3	-2
3	-8	-10	-11	-12	-13	-14	-14	-15	-13	-12	-11	-8	-7	-6	-6	-6	-6	-7	-7	-7	-7	-7	-7	-7	-9	-6
4	-7	-7	-7	-7	-7	-6	-6	-6	-6	-5	-4	-4	-4	-4	-4	-5	-4	-4	-5	-5	-6	-6	-6	-7	-6	-4
5	-7	-8	-9	-10	-12	-13	-14	-14	-15	-13	-11	-8	-7	-6	-6	-5	-5	-7	-9	-9	-10	-11	-13	-13	-10	-5
6	-14	-15	-15	-16	-17	-17	-17	-17	-16	-14	-12	-9	-8	-7	-6	-6	-6	-6	-8	-9	-9	-10	-11	-12	-12	-6
7	-12	-13	-13	-14	-14	-14	-15	-14	-13	-11	-9	-7	-6	-4	-4	-3	-3	-4	-5	-6	-6	-7	-8	-8	-9	-3
8	-9	-10	-10	-11	-11	-12	-12	-11	-10	-9	-6	-4	-3	-1	0	1	1	0	-2	-2	-3	-5	-5	-6	-6	1
9	-6	-7	-7	-8	-8	-8	-9	-8	-7	-6	-3	-1	1	2	3	3	4	3	2	1	0	-1	-2	-3	-3	4
10	-3	-4	-4	-5	-5	-6	-6	-5	-4	-3	0	2	3	5	5	6	6	6	4	3	2	1	1	0	0	6
11	1	1	0	-1	2	2	2	0	0	3	5	6	3	1	1	0	0	0	-2	-3	-4	-4	-4	-4	0	6
12	-4	-6	-6	-7	-7	-8	-8	-8	-8	-7	-7	-6	-5	-4	-3	-3	-3	-3	-5	-6	-6	-6	-7	-8	-6	-3
13	-9	-9	-9	-9	-10	-10	-10	-10	-8	-6	-4	-2	-1	-1	0	1	1	0	0	-1	-1	-1	-1	-2	-4	1
14	-2	-1	-1	-2	-2	-2	-2	-2	-2	0	2	4	3	4	5	6	6	4	5	4	3	3	2	2	2	6
15	1	0	-1	-1	-2	-2	-1	0	0	2	3	4	5	5	6	6	6	6	4	3	3	2	2	2	2	6
16	2	1	0	-1	-2	-2	-2	-2	0	2	4	5	6	6	7	9	9	8	7	6	6	6	5	5	4	9
17	3	2	1	1	1	0	0	0	2	4	6	8	10	12	13	13	13	12	11	10	9	8	7	8	6	13
18	6	5	4	3	2	1	1	1	3	6	9	11	14	16	16	15	15	15	15	14	14	14	13	13	9	16
19	12	11	10	10	8	6	3	2	1	2	2	2	2	1	1	2	2	1	0	0	-1	-1	-2	-2	3	12
20	-3	-3	-3	-4	-4	-4	-4	-3	-2	-1	0	1	2	3	4	5	6	5	5	3	2	2	1	0	0	6
21	0	1	1	1	1	1	2	3	4	5	6	7	8	9	9	10	10	9	8	7	6	4	3	1	5	10
22	1	0	-1	-2	-2	-2	-3	-2	0	4	6	8	10	11	12	14	14	13	12	10	10	9	9	10	6	14
23	10	10	10	9	9	9	8	8	10	14	15	14	15	15	15	14	14	14	12	11	10	9	9	8	11	15
24	7	6	3	2	2	1	1	2	4	7	10	11	12	15	16	16	16	16	14	13	14	14	14	14	10	16
25	14	13	13	12	12	11	8	7	6	5	3	1	1	1	0	1	0	-1	-1	-1	-1	-2	-2	-2	4	14
26	-2	-2	-2	-3	-4	-6	-6	-4	-2	1	2	3	4	5	7	8	8	7	6	4	4	3	3	3	2	8
27	3	3	3	2	1	0	-1	-1	1	7	9	9	10	11	11	10	9	6	3	1	1	1	0	0	4	11
28	-1	-1	-1	-1	-2	-2	-3	-3	-2	-1	0	2	2	2	3	4	4	3	2	1	1	0	-1	-1	0	4
29	-2	-3	-3	-4	-4	-5	-6	-4	-2	0	2	3	4	5	5	5	5	4	3	3	2	1	0	0	0	5
30	0	-1	-1	-2	-3	-3	-4	-3	-1	1	3	4	5	6	7	8	9	8	7	6	5	4	3	2	3	9
31	2	1	-1	-1	-2	-3	-3	-2	2	5	7	9	10	11	13	14	14	14	13	11	9	8	7	6	6	14
AV	-1	-1	-2	-2	-3	-3	-4	-3	-2	0	1	2	3	4	5	5	5	4	3	2	1	1	0	0	1	[ ]
SD	7	7	7	7	7	7	6	6	6	7	7	6	6	7	7	7	7	7	7	6	6	6	6	7	6	[ ]

OUTPT [VERSION N 26 APR 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 01/JUL/76
****
SUBJECT TO
REVISION
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	0	0	-2	-1	-2	-1	-1	3	9	11	11	13	13	14	19	18	18	16	15	14	12	11	9	8	19
2	7	6	6	4	2	1	0	1	4	7	8	10	12	14	15	15	15	15	14	11	10	9	7	5	8	15
3	3	3	2	1	0	-1	-1	0	3	7	10	12	14	16	16	18	14	17	15	13	12	12	9	7	8	18
4	5	5	4	3	2	1	1	2	5	9	12	14	16	18	17	16	15	16	15	13	13	10	9	8	10	18
5	7	6	5	4	4	3	3	4	5	7	9	11	13	14	15	12	8	6	6	5	6	5	5	4	7	15
6	4	3	3	3	3	3	3	3	5	6	8	8	8	9	8	9	9	8	7	7	7	6	6	6	6	9
7	6	6	5	5	5	5	6	6	7	6	10	11	12	11	13	12	12	12	11	10	9	8	8	7	8	13
8	7	6	5	4	3	2	2	4	6	9	11	13	14	16	6	13	17	17	16	14	12	11	10	10	10	17
9	14	13	12	11	10	7	8	9	10	13	14	14	15	15	15	15	15	15	13	12	11	8	8	7	12	15
10	5	3	2	1	0	-1	0	2	5	8	10	11	13	14	15	16	17	16	16	14	12	12	10	8	9	17
11	6	5	4	3	2	2	1	3	5	10	12	16	18	21	21	21	21	21	20	18	16	13	12	11	12	21
12	9	8	12	12	12	12	12	15	15	17	18	17	17	16	15	14	13	13	13	12	11	11	11	11	13	18
13	11	11	10	9	10	10	10	10	10	9	10	10	12	12	12	13	12	12	9	8	6	7	6	5	10	13
14	6	6	5	5	5	6	5	7	8	9	10	11	11	10	8	10	9	8	7	4	5	5	5	6	7	11
15	6	5	5	5	5	5	5	6	7	8	9	10	10	11	11	11	11	10	7	4	4	3	3	3	7	11
16	3	2	3	2	2	3	3	5	6	7	8	8	10	10	12	11	8	4	4	3	4	4	3	3	5	12
17	2	2	2	2	2	2	2	1	1	2	3	4	5	7	8	8	8	9	8	7	7	7	6	4	5	9
18	3	3	2	2	2	3	3	4	5	6	7	8	7	6	7	8	7	7	6	4	2	3	3	3	5	8
19	3	3	3	3	3	3	3	4	6	6	6	7	8	10	11	11	11	11	11	10	10	9	8	7	7	11
20	5	5	4	2	2	2	2	4	7	9	10	12	13	13	14	15	16	16	15	14	12	11	10	10	9	16
21	10	11	10	10	10	8	9	10	12	15	16	17	18	19	18	18	18	18	17	16	15	13	12	10	14	19
22	9	10	8	10	11	11	13	15	17	18	19	19	20	18	15	17	18	18	17	17	15	14	13	12	15	20
23	8	12	11	11	10	9	10	10	11	12	13	14	15	15	16	16	16	15	14	12	11	9	9	8	12	16
24	[ ]	5	3	2	2	1	2	3	6	9	12	13	15	16	13	18	18	18	17	16	15	14	13	11	11	18
25	10	10	8	8	8	7	7	10	16	16	15	16	18	20	21	16	9	7	5	5	4	4	4	4	10	21
26	4	3	2	0	1	1	1	0	-1	-1	0	1	1	2	4	5	5	3	2	1	1	1	1	0	2	5
27	1	1	1	0	-1	-1	0	0	2	3	5	6	7	9	9	10	11	10	9	8	7	6	4	4	5	11
28	3	3	2	2	1	1	1	3	6	8	10	13	14	15	15	16	16	16	15	14	13	12	11	10	9	16
29	9	8	8	6	6	6	6	8	10	12	13	15	16	17	18	18	17	17	16	14	13	11	10	9	12	18
30	8	7	7	7	6	6	6	8	9	10	11	11	12	13	13	14	14	14	13	12	11	9	9	8	10	14
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6	6	5	5	4	4	4	5	7	9	10	11	13	13	13	14	13	13	12	10	10	9	8	7	9	[ ]
SD	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	3	3	3	[ ]

OUTPT [VERSION N 26 APR 76]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.5	.4	.1	.1	.3	.2	.1	.3	.0	-.1	-.4	-.3	-.5	-.6	-.6	-.5	-.4	-.2	.0	.2	.1	.5	-.1	.5	.0	.5
2	.2	.1	.1	.5	.3	.5	.4	.1	-.1	-.3	-.3	-.7	-.6	-.6	-.7	-.6	-.6	-.3	.1	.4	.2	.3	.2	.2	-.1	.5
3	.1	.4	.4	.4	.4	.5	.8	.4	-.2	.3	-.6	-.2	.0	-.3	-.4	-.3	-.4	-.2	.2	.1	.3	.4	.3	.6	.1	.8
4	.6	1.2	1.1	.6	.7	3.0	-.1	-.1	-.3	-.6	-.7	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.3	-.3	.0	3.0
5	-.4	-.2	-.3	-.3	-.3	.1	-.3	-.4	-.7	-1.0	-1.1	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.8	-.8	-.7	-.7	-.7	-.7	-.6	.1
6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.8	-.9	-1.0	-.9	-.7	-.7	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.6
7	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.8	-.9	-1.0	-.9	-.8	-.8	-.8	-.7	-.8	-.5	-.4	-.5	-.4	-.4	-.3	-.3	-.6	-.3
8	-.3	-.2	-.1	-.2	-.4	-.5	-.3	.1	-.4	-.8	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	.1
9	-.6	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.7	-.9	-.9	-.7	-.6	-.6	-.7	-.5	.5	-.4	-.4	-.4	-.2	-.2	.0	.8	-.4	.8
10	1.9	.5	.0	-.2	-.3	-.1	-.1	-.2	-.5	-.6	-.7	-.7	-.5	-.5	-.6	-.6	-.5	.7	.7	-.1	.0	.4	.4	.7	.0	1.9
11	.5	.3	.6	.8	.2	.1	.4	.4	-.1	-.6	-.9	-.8	-.7	-.7	-.7	-.7	-.6	-.1	-.2	-.1	.3	.5	.0	.5	-.1	.8
12	.4	.6	.5	.0	.4	.4	.2	.3	-.1	-.6	-.9	-.8	-.7	-.6	-.7	-.5	-.4	-.2	.0	-.1	-.3	-.2	.0	-.3	-.2	.6
13	.1	.6	.5	.2	.2	.3	.4	.1	-.2	-.5	-.8	-.8	-.6	-.5	-.6	-.6	-.5	-.2	.4	.1	.1	.2	.4	-.1	-.1	.6
14	-.1	-.1	-.1	-.1	-.2	.1	.1	.0	-.2	-.6	-.9	-.8	-.6	-.7	-.6	-.6	-.6	-.6	-.4	-.3	-.2	-.2	.2	.6	-.3	.6
15	.2	.3	.6	.4	.4	.6	.4	.3	.0	-.6	-.9	-.8	-.8	-.7	-.7	-.5	-.5	-.4	-.5	-.5	-.1	-.4	-.3	.1	-.2	.6
16	-.3	.1	.1	.0	.0	-.1	-.2	-.3	-.6	-.8	-.9	-.8	-.7	-.7	-.6	-.6	-.6	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	.1
17	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.6	-.7	-.9	-.8	-.7	-.7	-.9	-.7	-.7	-.3	1.1	-.3	-.3	-.4	-.3	-.3	-.4	1.1
18	-.4	-.2	-.2	.0	-.2	-.3	-.3	-.2	-.5	-.7	-.8	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.4	.1	.5	.3	.3	-.3	.5
19	.3	.5	.4	.2	.6	.4	.4	.2	-.6	-.7	-.9	-.9	-.8	-.6	-.7	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.3	.6
20	-.6	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.6	-.7	-.8	-.6	-.2	-.2	-.4	-.4	-.6	-.5	-.4	-.2	.2	-.1	.0	.3	-.4	.3
21	.3	.2	.1	.1	.2	-.1	.1	.0	-.3	.1	-.2	-.6	-.6	-.5	-.7	-.7	-.7	-.2	1.0	1.0	1.0	.2	.2	.2	.0	1.0
22	.0	.3	.5	.2	.1	.4	.2	-.3	-.4	-.3	-.7	-.7	-.5	-.6	-.7	-.7	-.6	-.4	.1	.6	1.5	1.2	.5	.4	.0	1.5
23	.1	.5	.2	.0	.2	.2	.2	-.1	-.5	-.5	-.9	-.7	-.7	-.6	-.7	-.6	-.7	.0	.7	.1	.1	.0	.4	.1	-.1	.7
24	-.1	.0	-.2	.0	-.1	-.2	-.1	-.1	-.4	-.8	-.8	-.7	-.6	-.6	-.6	-.5	-.4	.3	.9	1.2	1.1	.6	.4	1.1	.0	1.2
25	.6	.5	.7	.5	.4	.8	.5	.2	.0	-.6	-.8	-.6	-.5	-.5	-.5	-.5	-.3	.0	.3	-.1	.2	.2	.4	.5	.1	.8
26	.5	.9	.8	.9	.2	.5	.6	.4	.0	-.7	-.9	-.7	-.6	-.5	-.6	-.3	-.2	.5	1.0	1.0	.9	.3	.8	.7	.2	1.0
27	.5	.8	.5	.4	.5	.3	.3	.2	-.4	-.7	-.9	-.7	-.5	-.5	-.6	-.4	-.3	.4	1.4	1.3	.6	.4	1.0	.8	.2	1.4
28	.6	.5	.3	.8	.5	.6	.5	.5	.4	-.5	-.6	-.7	-.6	-.4	-.3	-.3	-.2	-.1	.1	.2	.2	.2	.1	.2	.1	.8
29	.0	.6	1.9	1.6	1.8	2.1	.8	1.7	-.3	-.5	-.6	-.5	-.5	-.4	-.4	-.2	-.2	-.2	-.1	-.1	.0	.0	.0	.0	.3	2.1
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.1	.2	.2	.2	.1	.3	.1	.0	-.3	-.6	-.8	-.7	-.6	-.6	-.6	-.6	-.5	-.2	.0	.0	.1	.0	.0	.1	-.2	[ ]
SD	.5	.5	.5	.5	.5	.7	.4	.4	.3	.3	.2	.2	.2	.1	.1	.2	.3	.4	.6	.6	.5	.4	.4	.5	.3	[ ]

OUTPT [VERSION N 26 APR 76]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.3	.4	-.1	-.1	-.1	-.1	-.2	-.1	-.4	-.6	-.9	-.7	-1.2	-1.7	-1.4	-1.4	-1.1	-.9	-.3	-.5	-.5	-.5	-.5	-.6	-.6	.4
2	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.6	-.7	-.9	-.8	-.5	-.6	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.3	-.3	.1	-.6	.1
3	.1	.5	.2	.4	.4	.1	.2	.3	-.2	-.4	-.6	-.5	-.6	-.7	-.8	-.7	-.8	-.9	-.8	-.7	-.6	-.6	-.7	-.7	-.3	.5
4	-.7	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.7	-.8	-.9	-.7	-.6	-.6	-.7	-.6	-.7	-.7	-.5	-.6	-.6	-.4	-.5	-.5	-.6	-.4
5	-.3	-.3	-.3	.1	.5	.1	.1	-.1	.2	.1	.2	-.4	-.4	-.6	-.7	-.6	-.7	-.5	.7	.7	.8	.2	.3	.2	.0	.8
6	.1	.1	.0	-.3	-.1	.2	-.1	.2	.5	.3	.0	-.4	-.5	-.6	-.7	-.6	-.7	-.4	.4	.6	.5	.2	.2	.3	.0	.6
7	.4	.0	.1	.3	.1	.0	.0	.1	-.3	-.2	-.4	-.6	-.5	-.5	-.7	-.6	-.6	-.7	.0	.4	.4	.2	.5	.6	-.1	.6
8	.3	.1	.2	.1	.5	.4	.3	-.2	-.4	.1	-.5	-.5	-.4	-.4	-.6	-.5	-.6	-.6	1.0	.2	.4	1.0	.8	1.1	.1	1.1
9	.4	.2	.4	.1	.4	.1	.1	.0	.2	.3	-.4	-.5	-.4	-.4	-.6	-.4	-.4	.1	.6	.5	.9	.6	.7	.5	.1	.9
10	.6	.6	.8	.2	.2	.1	.3	.1	.2	-.2	-.6	-.5	-.4	-.4	-.5	-.4	-.3	.0	.8	1.2	1.0	.6	.3	.2	.2	1.2
11	.1	.3	.3	.4	.1	-.1	-.2	-.3	-.5	-.2	-.7	-.5	-.6	-.5	-.8	-.7	-.8	-.8	-.7	-.7	-.6	-.6	-.5	-.3	-.4	.4
12	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.7	-.7	-.7	-.7	-.9	-.7	-.7	-.7	-.3	.2	.7	.1	.4	.0	-.4	.7
13	.0	-.2	.0	-.2	-.1	.0	.0	-.3	-.5	-.7	-.8	-.8	-.7	-.6	-.8	-.7	-.6	-.6	-.2	.2	.3	.0	-.1	-.2	-.3	.3
14	-.3	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.5	-.8	-.8	-.7	-.7	-.7	-.7	-.6	-.5	-.6	-.4	-.5	-.2	-.3	-.2	.0	-.4	.0
15	-.1	.3	.2	.3	.6	-.1	.1	-.1	-.4	-.8	-.8	-.7	-.7	-.7	-.7	-.6	-.6	-.4	.8	.8	.5	.1	.1	.1	-.1	.8
16	.5	.6	.4	.6	.6	.4	.2	.0	-.4	-.7	-.8	-.8	-.6	-.6	-.7	-.5	-.5	-.3	.4	.5	.7	.2	.0	.2	.0	.7
17	.7	.6	1.2	.2	.2	.2	.2	-.1	-.4	-.6	-.8	-.8	-.5	-.4	-.6	-.3	-.3	-.1	.9	.8	.8	.5	.2	.1	.1	1.2
18	1.3	1.5	.6	1.3	.7	.8	.5	.3	-.1	-.7	-.8	-.7	-.4	-.4	-.5	-.3	-.3	-.2	.0	-.1	.0	-.1	-.1	-.1	.1	1.5
19	-.1	.1	.1	-.1	-.1	-.2	-.2	-.3	-.5	-.7	-.8	-.7	-.6	-.6	-.7	-.6	-.7	-.6	-.5	-.6	-.5	-.5	-.5	-.4	-.4	.1
20	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.6	-.8	-.9	-.8	-.8	-.8	-1.0	-.6	-.7	-.6	-.4	-.4	-.3	-.1	-.1	-.1	-.5	-.1
21	.0	-.3	.1	.1	.1	.5	-.2	-.2	-.4	-.7	-.8	-.7	-.6	-.6	-.7	-.5	-.5	-.4	-.3	-.3	.1	1.0	1.1	.5	-.2	1.1
22	.2	.3	.3	.4	.4	.4	.2	.3	-.4	-.7	-.9	-.7	-.6	-.5	-.6	-.4	-.3	-.2	-.1	.3	.3	.3	.1	-.2	-.1	.4
23	-.2	.0	-.1	.1	.0	-.1	.3	.1	-.3	-.6	-.6	-.5	-.4	-.3	-.4	-.3	-.3	-.3	-.2	-.1	-.1	-.2	-.2	.0	-.2	.3
24	.2	.6	.9	.5	.8	.2	.5	.1	-.4	-.7	-.8	-.6	-.5	-.4	-.4	-.2	-.2	-.2	.0	.0	.0	.0	-.1	-.1	.0	.9
25	-.1	.0	1.4	.0	-.1	-.1	-.2	-.2	-.4	-.7	-.8	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.6	-.5	-.4	-.4	-.2	-.3	-.4	1.4
26	-.4	-.3	-.2	-.2	.1	.4	.3	.0	-.4	-.9	-1.0	-1.0	-.7	-.8	-.9	-.7	-.6	-.5	-.4	-.4	-.2	-.3	-.3	-.3	-.4	.4
27	-.3	.5	-.2	-.1	.9	.9	.3	.1	1.5	-.7	-1.0	-.7	-.7	-.8	-.7	-.5	-.5	-.5	-.4	-.5	-.1	-.1	-.1	-.4	-.2	1.5
28	-.4	-.3	-.3	-.3	-.2	-.2	-.4	-.4	-.6	-.8	-1.0	-.9	-.8	-.7	-.8	-.7	-.6	-.6	-.4	-.3	.1	.1	.0	.0	-.4	.1
29	.5	.5	.5	.2	.0	.4	.1	-.2	-.6	-.9	-1.1	-.9	-.7	-.8	-.8	-.7	-.6	-.6	-.5	-.4	-.4	-.1	-.2	-.3	-.3	.5
30	-.3	-.2	-.2	-.3	.0	.2	.7	-.3	-.6	-.8	-1.0	-.8	-.8	-.8	-.8	-.7	-.6	-.5	-.1	.4	.6	.3	.4	.5	-.2	.7
31	.4	.6	.6	.6	.6	.7	.3	.0	-.5	-.8	-.9	-.7	-.7	-.6	-.7	-.5	-.4	-.2	.0	.0	.1	.1	.3	1.1	.0	1.1
AV	.0	.1	.2	.1	.1	.1	.0	-.1	-.3	-.5	-.7	-.7	-.6	-.6	-.7	-.6	-.6	-.5	-.1	.0	.1	.0	.0	.0	-.2	( )
SD	.4	.4	.5	.4	.4	.4	.3	.2	.4	.3	.3	.1	.2	.2	.2	.2	.2	.3	.5	.5	.5	.4	.4	.4	.2	( )

OUTPT (VERSION N 26 APR 76)

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.6	.9	.9	.8	.8	.7	.7	.9	.7	-.7	-.9	-.8	-.8	-.7	-.9	-.7	-.8	-.5	-.1	-.1	.1	.4	.3	-.1	.0	.9
2	-.1	.4	.3	.8	.7	.3	.6	.5	-.2	-.8	-1.0	-.7	-.5	-.5	-.5	-.3	-.3	-.2	.5	1.6	2.1	1.1	.7	.9	.2	2.1
3	1.0	.9	.6	.7	.6	.5	.5	-.1	-.3	-.7	-.9	-.7	-.4	-.4	-.4	-.3	-.3	-.1	.8	1.8	1.6	1.2	.9	1.3	.3	1.8
4	1.1	1.0	.8	.5	.6	.7	.7	.2	-.4	-.6	-.7	-.6	-.4	-.3	-.4	-.2	-.2	-.1	.7	1.1	.5	.6	.8	1.1	.3	1.1
5	1.0	1.0	.7	.9	.6	.7	.7	.6	.4	-.7	-.8	-.6	-.3	-.3	-.3	-.5	-.3	-.4	-.4	-.3	-.2	-.2	-.2	-.3	.0	1.0
6	-.3	-.2	-.1	-.3	-.3	-.3	-.3	-.3	-.6	-.8	-.8	-.6	-.5	-.5	-.6	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.2	-.3	-.4	-.1
7	-.3	.0	-.1	.0	.1	-.1	-.1	-.2	-.4	-.6	-1.0	-.5	-.4	-1.0	-.5	-.3	-.2	-.2	.0	.0	.1	.2	.6	.2	-.2	.6
8	.1	.0	1.1	1.0	.9	.2	.0	-.2	-.5	-.6	-.7	-.7	-.4	-.4	-.7	-.3	-.1	.0	.2	.6	1.5	1.3	1.4	1.1	.2	1.5
9	.3	.3	.3	.6	.7	.8	.4	-.1	-.2	-.4	-.6	-.4	-.4	-.2	-.4	-.2	-.1	-.2	.0	.0.	.3	1.5	1.1	1.0	.2	1.5
10	.7	.6	.9	.5	.5	.5	.7	.1	-.3	-.7	-.8	-.7	-.4	-.4	-.4	-.3	-.1	-.1	.5	.8	2.2	1.2	.6	.6	.3	2.2
11	1.0	1.0	.7	.4	.6	.9	.0	.2	-.3	-.8	-.8	-.5	-.3	-.1	-.2	.0	.1	.1	.3	.4	1.0	1.2	1.6	1.1	.3	1.6
12	1.5	2.4	1.2	1.3	1.1	.9	1.0	.4	.3	-.3	-.4	-.2	-.3	-.1	-.2	-.3	-.2	-.2	.0	.0	.2	.1	.1	.1	.4	2.4
13	.2	.3	.2	.8	.2	.1	.0	-.1	-.3	-.7	-.8	-.6	-.5	-.4	-.5	-.3	-.3	-.3	-.2	-.1	.5	.3	.4	.1	-.1	.8
14	-.1	.3	.2	.3	.2	.3	.2	-.3	-.4	-.6	-.6	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.3	-.1	.1	-.1	-.1	-.2	.3
15	-.2	.0	-.2	-.2	-.2	-.2	-.3	-.3	-.5	-.7	-.9	-.7	-.6	-.5	-.5	-.4	-.3	-.3	-.2	-.4	-.3	-.3	-.3	-.3	-.4	.0
16	.0	-.1	.1	.4	.2	.2	.0	-.2	-.5	-.6	-.8	-.6	-.5	-.4	-.7	-.3	-.6	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	.4
17	-.5	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.6	-.8	-1.0	-1.0	-.9	-.9	-.8	-.5	-.5	-.4	-.2	-.2	-.1	-.2	-.2	-.1	-.5	-.1
18	.5	-.1	-.4	-.2	.5	-.1	-.4	-.3	-.5	-.8	-.8	-.6	-.5	-.7	-.6	-.4	-.4	-.4	-.3	-.4	-.2	-.3	-.2	-.1	-.3	.5
19	-.3	-.1	-.2	-.2	-.2	-.2	-.3	-.4	-.6	-.7	-.7	-.7	-.5	-.5	-.4	-.3	-.3	-.2	.3	.3	.0	.0	-.1	-.1	-.3	.3
20	.7	.3	.3	.6	.5	.2	.0	-.1	-.5	-.7	-.7	-.5	-.4	-.3	-.3	-.2	-.2	-.1	.1	.3	.4	.3	.3	.1	.0	.7
21	.1	.1	.3	.6	.5	.7	.4	.3	.1	-.5	-.4	-.3	-.1	.0	-.1	.0	.0	.0	.2	.1	.8	1.6	.9	.7	.3	1.6
22	1.1	.6	1.1	1.6	.9	.3	.2	.1	-.1	-.4	-.4	-.2	-.4	-.5	-.6	-.6	-.5	-.5	-.3	-.1	.0	-.3	-.4	-.4	.0	1.6
23	.6	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.5	-.8	-.9	-.7	-.6	-.6	-.7	-.6	-.6	-.6	-.4	-.3	.0	.3	.7	1.1	-.3	1.1
24	.5	.3	.4	.3	.1	.1	-.3	-.5	-.7	-1.0	-1.1	-1.0	-.7	-.8	-.8	-.5	-.6	-.5	-.1	.8	-.1	-.1	.1	.7	-.2	.8
25	.3	.6	.7	.5	.5	.4	.5	2.3	-.4	-.7	-.9	-.8	-.7	-1.0	-.9	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.3	-.5	-.2	2.3
26	-.6	-.5	-.6	-.6	-.6	-.6	-.7	-.8	-1.0	-1.0	-1.1	-.9	-1.0	-1.0	-1.0	-.9	-.8	-.8	-.8	-.5	-.5	-.4	-.5	-.5	-.7	-.4
27	-.7	-.5	-.6	-.5	-.7	-.8	-.8	-.8	-.9	-1.2	-1.1	-1.0	-.9	-1.1	-.9	-.8	-.8	-.7	-.6	-.4	.2	.3	.6	.0	-.6	.6
28	.0	.2	.3	.5	.3	-.1	-.5	-.6	-.8	-1.1	-1.0	-.9	-.7	-.7	-.9	-.8	-.6	-.6	-.4	-.2	-.1	.1	-.2	.3	-.4	.5
29	.3	.3	.3	.6	.4	.2	-.2	-.2	-.6	-1.0	-1.0	-.9	-.7	-.8	-.8	-.6	-.6	-.6	-.5	-.4	-.3	.4	-.2	-.3	-.3	.6
30	-.3	.0	-.1	-.2	-.1	.1	-.4	-.4	-.6	-.9	-.9	-.9	-.8	-.7	-.7	-.7	-.7	-.6	-.4	-.3	.3	1.5	.9	.5	-.3	1.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.3	.3	.3	.4	.3	.2	.1	.0	-.4	-.7	-.8	-.7	-.5	-.5	-.6	-.4	-.4	-.3	-.1	.1	.3	.4	.3	.2	-.1	[ ]
SD	.6	.6	.5	.5	.5	.4	.5	.6	.4	.2	.2	.2	.2	.3	.2	.2	.2	.2	.4	.6	.7	.6	.6	.6	.3	[ ]

OUTPT [VERSION N 26 APR 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8	8	7	6	5	7	9	9	9	8	8	8	8	8	8	6	7	7	8	10	8	6	5	7	8	10
2	7	7	7	5	5	5	5	5	6	6	7	6	6	6	6	6	6	7	6	6	6	5	5	5	6	7
3	4	4	4	6	6	5	4	6	6	6	7	6	6	4	4	5	5	6	6	6	6	6	6	6	5	7
4	6	6	6	6	6	6	7	6	6	8	5	7	8	7	9	8	7	8	10	8	6	6	6	7	7	10
5	6	7	7	7	7	7	6	5	5	6	5	5	4	5	6	6	5	6	6	5	4	5	4	5	6	7
6	5	4	4	4	5	4	4	5	6	6	6	6	7	7	7	6	7	7	6	6	6	6	4	5	6	7
7	6	6	6	5	5	5	3	3	5	6	6	7	8	8	7	5	5	6	6	6	6	6	6	6	6	8
8	6	6	6	6	7	8	8	7	6	6	6	7	7	8	8	8	7	7	7	7	6	6	6	7	7	8
9	7	7	6	6	7	7	5	6	6	6	7	7	7	7	7	7	7	7	6	6	6	6	7	7	7	7
10	8	8	8	7	6	6	6	6	6	5	5	6	6	7	7	7	6	8	5	6	5	5	6	6	6	8
11	6	6	6	6	5	5	5	6	7	7	7	7	8	7	8	7	6	5	6	7	7	8	9	9	7	9
12	5	5	5	6	6	4	4	5	5	6	7	7	7	7	7	7	6	6	7	6	6	7	6	6	6	7
13	7	7	8	8	8	6	7	7	7	7	7	8	7	6	7	6	6	6	6	6	6	7	5	5	7	8
14	5	4	4	5	5	6	6	7	7	8	8	8	7	7	8	11	11	8	8	8	8	8	6	5	7	11
15	4	4	4	5	5	6	6	6	6	7	8	8	8	9	7	9	8	8	7	6	9	11	10	8	7	11
16	9	7	7	6	4	5	5	6	6	8	12	11	9	9	8	7	7	7	7	8	8	6	6	6	7	12
17	7	8	10	10	9	9	9	10	9	11	10	10	9	8	9	9	8	8	5	5	5	6	6	6	8	11
18	9	7	6	5	6	8	9	9	8	9	10	10	10	9	9	9	10	10	9	8	8	6	4	6	8	10
19	7	8	8	6	7	7	7	8	8	8	9	9	9	9	10	9	9	10	8	11	10	9	12	9	9	12
20	8	7	8	7	7	8	7	8	8	7	6	6	5	5	5	4	5	5	5	6	7	5	5	6	6	8
21	6	6	4	4	5	5	4	4	4	4	5	6	7	7	7	7	5	5	4	6	7	6	5	5	5	7
22	4	5	4	4	5	4	4	4	5	5	7	9	9	9	10	7	7	6	6	6	5	7	5	4	6	10
23	4	3	3	4	4	4	5	5	6	7	9	9	8	8	8	8	8	9	9	9	8	8	8	8	7	9
24	9	9	9	9	9	9	10	10	10	10	8	9	10	9	9	8	8	7	7	7	6	6	5	5	8	10
25	5	6	6	6	7	7	7	5	7	8	10	12	11	11	10	10	6	5	5	5	6	7	7	7	7	12
26	7	8	8	7	7	8	9	9	9	10	10	10	9	9	8	6	5	5	6	7	7	7	7	7	8	10
27	8	7	7	7	6	4	5	6	7	8	8	10	9	7	8	8	8	8	9	9	9	8	8	8	8	10
28	7	7	6	6	6	6	6	6	6	7	7	8	9	10	11	12	14	12	6	4	4	4	4	6	7	14
29	6	6	6	7	7	8	9	9	8	6	6	6	6	6	6	6	6	6	6	6	6	8	8	7	7	9
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6	6	6	6	6	6	6	6	7	7	7	8	8	8	8	7	7	7	7	7	7	7	6	6	7	[ ]
SD	1	1	2	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	1	2	1	1	2	1	1	[ ]

OUTPT [VERSION N 26 APR 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7	6	6	6	6	6	7	8	8	7	6	7	7	6	6	7	6	6	7	8	9	8	7	8	7	9
2	6	7	8	8	6	7	6	6	6	8	5	5	6	8	8	8	6	6	6	7	6	5	3	4	6	8
3	6	5	6	6	6	6	6	6	7	8	8	8	8	7	7	7	7	7	7	6	6	7	5	7	7	8
4	9	8	7	5	5	6	7	7	7	7	6	7	8	8	6	5	6	5	5	5	6	6	5	5	6	9
5	8	11	11	10	9	7	7	7	7	8	7	6	5	6	6	6	4	6	7	9	6	9	6	4	7	11
6	4	6	5	6	7	7	7	6	4	6	6	7	6	7	6	7	6	5	6	7	8	6	5	5	6	8
7	4	4	5	6	6	6	5	6	7	7	7	7	7	7	7	6	5	5	4	7	9	10	6	6	6	10
8	6	4	6	6	6	6	5	4	7	7	6	8	9	9	9	7	8	5	9	7	8	9	6	6	7	9
9	5	2	6	5	7	9	5	6	5	5	9	10	7	10	9	9	9	7	5	8	9	10	12	11	8	12
10	11	10	9	7	7	9	9	6	6	6	8	11	9	9	9	10	9	5	11	7	8	9	9	12	9	12
11	13	13	13	13	9	6	5	10	9	8	7	8	8	6	9	11	11	9	9	11	10	11	8	7	9	13
12	8	6	6	5	6	5	6	6	6	5	7	7	7	7	8	8	9	9	9	7	6	7	8	7	7	9
13	10	9	9	9	8	8	9	9	8	9	8	10	8	8	11	11	10	7	5	5	5	6	8	11	8	11
14	10	10	10	11	10	8	13	12	11	10	11	11	6	10	12	13	12	11	11	9	10	10	9	8	10	13
15	6	6	7	10	9	8	8	10	11	8	10	12	11	12	12	11	10	9	9	4	7	9	6	9	9	12
16	9	9	8	6	6	8	7	8	9	9	10	8	10	9	10	9	8	7	8	9	10	9	11	11	9	11
17	6	7	7	6	6	7	8	7	9	10	12	12	13	13	11	10	11	5	5	8	9	9	5	6	8	13
18	8	8	9	10	7	7	8	10	10	9	11	13	10	8	6	7	7	7	7	7	7	7	9	11	8	13
19	8	6	7	10	11	10	9	10	11	10	10	10	10	10	12	11	10	11	12	12	10	10	12	11	10	12
20	12	11	10	9	9	9	10	9	9	11	11	9	10	11	11	12	12	13	10	6	4	3	6	10	9	13
21	12	11	11	10	12	12	13	14	13	12	11	11	11	11	10	10	9	9	9	10	9	8	9	10	11	14
22	8	8	8	8	7	7	9	9	10	14	12	12	14	14	12	10	10	7	7	6	4	4	6	10	9	14
23	10	7	7	8	11	11	10	9	9	13	10	12	14	13	15	15	14	14	13	11	12	8	11	8	11	15
24	6	8	10	12	12	10	11	12	13	9	11	12	12	14	14	15	14	12	8	7	7	7	7	7	10	15
25	7	7	6	7	7	7	9	10	10	11	11	12	12	8	8	8	8	9	6	8	7	7	10	10	9	12
26	8	10	8	8	7	8	8	9	9	10	10	11	12	11	12	13	13	7	7	6	6	6	7	7	9	13
27	8	9	7	4	4	7	8	8	8	8	9	13	11	9	10	14	13	9	9	10	10	7	9	10	9	14
28	12	13	9	11	12	12	11	11	12	12	13	13	12	10	11	12	12	11	8	6	4	4	4	6	10	13
29	6	6	7	7	7	8	8	8	9	9	10	10	11	10	10	8	8	9	4	7	10	10	12	9	8	12
30	7	4	4	4	7	7	8	7	7	11	12	12	12	12	12	13	14	11	6	6	9	9	9	9	9	14
31	9	9	9	9	9	9	6	8	8	10	12	11	12	12	12	11	11	10	7	7	6	3	9	11	9	12
AV	8	8	8	8	8	8	8	8	9	9	9	10	10	10	10	10	9	8	8	8	8	8	8	8	8	[ ]
SD	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	1	[ ]

OUTPT [VERSION N 26 APR 76]

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SIGMA THETA
(DEGREES)
                                   WHITE RIVER SHALE PROJECT,UTAH        ********************
                                                                         *                  *
                                   SITE A  2                             *  PRELIMINARY DATA *
                                                                         *  AS OF 01/JUL/76  *
                                   APRIL,1976                            *                  *
                                                                         ********************
                                   AEROVIRONMENT INC.                    *                  *
                                                                         *    SUBJECT TO    *
                                                                         *     REVISION     *
                                                                         *                  *
                                                                         ********************

                              CLOCK HOUR  [LOCAL STANDARD TIME]
                                                                                                          P
  D                                                                                                       E
  A  00  01  02  03  04  05  06  07  08  09  10  11  12  13  14  15  16  17  18  19  20  21  22  23 AVE . A
  T                                                                                                       K
  E

  1   4   6   7   8   9   8   8   7   8   8   8   7   7   7   8  10   9   7   7   7   7   6   8  10   8  10
  2   9   7   6   4   3   7   8   8   9  11  11  11   9  10  11  12  10   8  10   9   8   7   8   8   9  12
  3   8   7   7   7   6   4   8   9  10  10  12  13  14  14  11  11  10   8   9   8  10   8   9   9   9  14
  4   7   7   7   9   9   8   8   8   9  11  11  11  10  11  10   7   7   4   3   4   7   9   8  10   8  11
  5   9   7   9   8   8   8   8   8   8   8  12  11  11  10  12   9   7   8   8   9   8   7   6   4   8  12
  6   6   8   8   8   7   7   8   9  12  13  14  13  14  14  15  14  15  14  14  14  10   7   7   7  11  15
  7   8   8   6   6   4   6   8  11  13  10  11  10  11  11   9   7   6   6   7   5   5   8   8   9   8  13
  8   9   9   9   9   7   9   5   7   8   9   8   8   8   7   7   7   7   7   6   5   5   8   8   7   7   9
  9   7   8   9   8   7   7   6   7   7  10  11  10  12  14  11  11   9  10  10   9  10   9   9  11   9  14
 10   9   8   8   9  10  10  11  12  12  13  12  11  11  10  10  10   9   5   3   4   5   4   3   5   9  13
 11   7   8   9   8   9   6   6   8   9   9   9   9   9   8   7   7   7   7   6   6   4   4   5   7   7   9
 12   6   6   6   5   6   8   8   8   8   7   9   8   8   9   9   7   7   7   7   7   5   5   6   6   7   9
 13   5   6   6   5   5   6   7   7   6   6   6   7  11   9   8   9   7   7   8   8   5   5   7   5   7  11
 14   8   9   8   8   8   6   9   6   7   8   9   7   8   9  10  11  12  10  10   7   7  10   8   6   8  12
 15   7   6   5   7   6   4   5   6   6   6   6   8   7   7   7   8   8   9   9   8   7   7   6   4   7   9
 16   6   7   8   9  10   9   7   7   7   9  10   9  10   9  11  10   8   5   8   9   8   8   8   4   8  11
 17   5   7   8   9   9   9   8   8   7   7   9   9   9   9  10   8   9   6   7   9   7   7   8   8   8  10
 18   6   5   7   8   9  10  10  12   8  14  10  11  11   7   6   5   5   7   8   7   4   4   7   8   8  14
 19   9   9   8   5   5   7  10   9   9   8   9   9   9   9   8   8   7   6   5   6   8   9   8   7   8  10
 20   7   7   7   7   6   7   8   9  10  11  13  14  14  13  11  10  10  10  10   6   4   3   3   4   9  14
 21   6   7   9   5   3   9   8   7  11  14  13  10  12  13  10  10  12  10   8  11  10   8   9   9   9  14
 22   8   6   7   8   7   5   6   6   6   6   9  13  13  13   9   9  10   8   7   9   4   8   9   9   8  13
 23  12  11  11   9  10  11  11  10  10   9   8  10  10  11  11  11  10  10  10   6   5   6   6   6   9  12
 24   6   6   6   6   6   6   7  10  10   9  16  14  14  13  13  12  10   9   7   9   5   5   5   5   9  16
 25   5   6   6   7   8   9   9   9   9   8   9   9   9   8   8   8   9  10   9   6   6   8   9   6   8  10
 26   8   9  10   6   8   5   6   5   8   6   5   7   9   9  10  10   8   8  10   9   9   4   9   7   8  10
 27   6   7   9   5   6   8   7   8   8   8   9  10  11  13  14  15  14   8   6   7   9   6   7   8   9  15
 28   9   9   9   9   7   6   9  12  11   9   9  10  10  11  12  12  10   8   6   5   5   5   6   6   9  12
 29   7  10  10   8   9  10  11  11   9   9   9  10  11  12  13  14   7   6   5   5   5   5   6   7   9  14
 30   7   8   9   6   6   6   7   9   7   8   8   7   6   7   8   8   7   5   5   5   6   6   9   8   7   9
 31 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

 AV   7   7   8   7   7   7   8   8   9   9  10  10  10  10  10  10   9   8   8   7   7   7   7   7   8 [ ]
 SD   2   1   1   1   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   1 [ ]

OUTPT  [VERSION N   26 APR 76]
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SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	.12	.12	.12	.12	.18	.34	.90	.98	.76	.66	.98	.94	.98	.90	.88	.98	1.02	.84	.70	.86	.94	.98	.98	.92	.72	1.02
5	1.00	1.00	.94	1.04	.78	.28	.12	.12	.12	.20	.34	.48	.36	.40	.44	.38	.34	.34	.32	.30	.26	.22	.22	.16	.42	1.04
6	.22	.16	.18	.18	.16	.12	.14	.12	.12	.14	.14	.26	.28	.24	.18	.22	.18	.12	.12	.12	.12	.12	.12	.12	.16	.28
7	.12	.12	.12	.12	.12	.12	.12	.12	.12	.16	.16	.32	.50	.38	.38	.26	.14	.12	.12	.12	.12	.12	.12	.12	.18	.50
8	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.14	.20	.28	.22	.20	.16	.12	.12	.12	.12	.12	.12	.12	.12	.14	.28
9	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.18	.18	.18	.12	.72	.92	.98	.88	.92	.76	.26	.16	.32	.98
10	.50	.46	.56	.72	.74	.46	.40	.60	.60	.64	.44	.28	.14	.36	.46	.22	.12	.12	.12	.12	.14	.16	.16	.14	.36	.74
11	.12	.12	.16	.12	.12	.12	.12	.12	.12	.14	.16	.30	.36	.30	.20	.28	.12	.12	.12	.14	.12	.12	.12	.12	.16	.35
12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.16	.32	.34	.22	.20	.12	.12	.12	.12	.12	.20	.14	.08	.08	.14	.34
13	.10	.10	.10	.10	.12	.12	.12	.12	.12	.12	.22	.24	.40	.38	.36	.18	.12	.10	.10	.10	.10	.10	.10	.10	.16	.40
14	.10	.10	.10	.10	.10	.10	.16	.12	.20	.14	.14	.12	.14	.22	.20	.82	.86	.68	.52	.40	.38	.42	.30	.14	.28	.86
15	.12	.12	.12	.12	.14	.12	.12	.10	.10	.14	.18	.18	.26	.12	.12	.20	.14	.18	.56	.28	.26	.66	.50	.18	.20	.66
16	.44	.24	.26	.42	.26	.44	.56	.44	.54	.56	.72	.64	.42	.50	.78	.32	.32	.22	.58	.50	.92	.92	.92	.94	.54	.94
17	.84	1.00	.98	1.00	1.06	.96	.94	.84	.60	.72	.80	.92	.90	.80	.86	.76	.56	.22	.12	.40	.62	.80	.84	.76	.76	1.06
18	.62	.66	.74	.56	.80	.98	1.00	.96	.76	.80	.90	1.02	.96	.96	.94	.92	.94	.82	.74	.56	.20	.22	.34	.16	.74	1.02
19	.12	.14	.12	.14	.12	.12	.14	.14	.20	.26	.44	.50	.52	.46	.36	.30	.66	.78	.94	.82	.70	.82	.86	.76	.44	.94
20	.80	.68	.68	.32	.16	.32	.70	.90	.76	.72	.58	.70	.84	.80	.74	.74	.60	.44	.40	.28	.26	.32	.26	.14	.54	.90
21	.18	.14	.12	.12	.12	.12	.12	.12	.14	.14	.14	.20	.38	.38	.38	.40	.30	.20	.14	.14	.12	.12	.14	.14	.18	.40
22	.12	.12	.12	.12	.10	.12	.12	.12	.14	.12	.22	.32	.44	.42	.42	.34	.28	.14	.14	.14	.12	.12	.12	.12	.18	.44
23	.12	.12	.12	.12	.12	.12	.12	.12	.16	.16	.20	.36	.40	.36	.30	.30	.22	.12	.12	.20	.12	.18	.12	.12	.18	.40
24	.16	.14	.12	.18	.22	.36	.18	.14	.18	.40	.36	.44	.40	.34	.32	.26	.16	.14	.12	.12	.14	.14	.14	.22	.22	.44
25	.20	.16	.12	.12	.12	.14	.12	.12	.12	.16	.28	.38	.40	.32	.32	.28	.14	.32	.34	.58	.50	.36	.32	.30	.26	.58
26	.16	.12	.10	.10	.14	.12	.14	.14	.14	.18	.34	.38	.40	.44	.34	.32	.26	.10	.10	.10	.12	.14	.14	.10	.20	.44
27	.12	.12	.12	.12	.12	.12	.12	.12	.12	.18	.36	.44	.64	.46	.36	.26	.10	.10	.10	.14	.24	.20	.14	.10	.20	.64
28	.10	.10	.10	.10	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.66	1.00	.90	.84	.90	.66	.56	.54	.66	.52	.36	1.00
29	.40	.32	.46	.36	.22	.32	.58	.50	.78	1.00	.98	.96	1.00	1.00	.98	.92	.92	.90	.86	.96	.84	.78	.94	.46	.72	1.00
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.28	.26	.26	.26	.26	.24	.28	.30	.28	.32	.36	.42	.46	.44	.44	.42	.40	.36	.36	.36	.36	.36	.34	.28	.34	[ ]
SD	.26	.27	.27	.27	.26	.24	.29	.30	.25	.27	.28	.27	.26	.25	.26	.29	.31	.30	.31	.28	.29	.29	.30	.26	.20	[ ]

OUTPT [VERSION N 26 APR 76]

```
          SIGMA W
          (METERS/SECOND)
                                                          WHITE RIVER SHALE PROJECT,UTAH        ********************
                                                                                                *                  *
                                                          SITE A  2                             * PRELIMINARY DATA *
                                                                                                * AS OF 01/JUL/76  *
                                                          MARCH,1976                            *                  *
                                                                                                ********************
                                                          AEROVIRONMENT INC.                    *                  *
                                                                                                *   SUBJECT TO     *
                                                                                                *    REVISION      *
                                                                                                *                  *
                                                                                                ********************

                                         CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                  P
 A                                                                                                                  E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                                  K

 1  .20  .34  .92  .90  .90  .88  .90  .78  .72  .90  .96  .96  .96  .96  .96  .96  .96  .96  .96  .90  .42  .28  .30  .24 .76  .96
 2  .12  .14  .22  .28  .22  .22  .12  .22  .18  .26  .22  .26  .28  .28  .28  .30  .24  .22  .36  .26  .22  .22  .18  .14 .22  .36
 3  .12  .10  .14  .12  .12  .12  .10  .12  .12  .10  .12  .10  .16  .18  .20  .18  .24  .24  .14  .12  .14  .12  .14  .14 .14  .24
 4  .14  .18  .16  .20  .18  .20  .22  .14  .10  .16  .14  .20  .32  .26  .20  .14  .22  .22  .12  .22  .16  .10  .12  .18 .18  .32
 5  .20  .22  .22  .18  .10  .10  .10  .12  .10  .10  .10  .12  .14  .14  .12  .14  .14  .10  .10  .10  .10  .10  .10  .10 .12  .22
 6  .10  .10  .10  .10  .10  .10  .10  .10  .10  .10  .10  .12  .16  .16  .16  .12  .12  .10  .10  .10  .10  .10  .10  .10 .12  .16
 7  .10  .10  .10  .10  .10  .10  .10  .10  .10  .10  .10  .14  .18  .18  .14  .14  .12  .10  .10  .10  .10  .12  .10  .10 .12  .18
 8  .10  .10  .10  .10  .10  .10  .10  .10  .10  .10  .12  .16  .18  .20  .18  .16  .14  .10  .10  .14  .14  .12  .10  .10 .12  .20
 9  .10  .10  .10  .10  .10  .10  .10  .10  .10  .10  .12  .18  .18  .26  .18  .22  .12  .10  .10  .12  .12  .14  .10  .10 .12  .26
10  .10  .12  .10  .10  .12  .10  .10  .10  .10  .10  .16  .24  .22  .30  .30  .22  .14  .04  .10  .10  .12  .10  .20  .14 .14  .30
11  .24  .14  .14  .14  .58  .52  .44  .28  .12  .26  .66  .54  .78  .36  .78  .86  .86  .92  .92  .78  .60  .46  .38  .14 .50  .92
12  .34  .60  .64  .60  .64  .60  .58  .52  .56  .58  .64  .54  .46  .50  .46  .42  .30  .22  .22  .12  .10  .14  .14  .12 .42  .64
13  .14  .16  .12  .12  .12  .12  .10  .12  .20  .20  .28  .36  .44  .54  .58  .40  .32  .18  .14  .12  .10  .10  .12  .12 .22  .58
14  .20  .12  .14  .20  .14  .10  .12  .10  .16  .18  .22  .32  .24  .26  .42  .50  .80  .90  .88  .86  .74  .48  .32  .24 .36  .90
15  .24  .22  .18  .16  .20  .16  .24  .38  .22  .38  .44  .50  .58  .56  .50  .38  .34  .22  .16  .16  .14  .12  .28  .24 .30  .58
16  .28  .30  .28  .22  .18  .14  .10  .10  .12  .18  .36  .42  .46  .42  .36  .32  .22  .12  .12  .10  .10  .18  .38  .40 .24  .46
17  .22  .12  .10  .10  .10  .10  .10  .12  .12  .20  .30  .32  .30  .40  .38  .38  .28  .12  .04  .14  .10  .16  .28  .44 .20  .44
18  .34  .20  .20  .12  .10  .10  .10  .12  .12  .20  .34  .36  .40  .82  .84  .84  .86  .68  .82  .88  .90  .94  .82  .88 .50  .94
19  .86  .80  .76  .94  .96  .92  .94  .96  .96  .96  .96  .96  .96  .96  .94  .96  .90  .92  .90  .86  .90  .70  .62  .60 .88  .96
20  .58  .82  .90  .86  .90  .84  .88  .80  .80  .72  .78  .78  .70  .70  .74  .76  .76  .86  .74  .60  .54  .34  .28  .22 .70  .90
21  .34  .68  .28  .30  .46  .42  .64  .84  .90  .92  .94  .86  .94  .94  .90  .82  .84  .82  .82  .62  .28  .14  .16  .14 .62  .94
22  .12  .10  .10  .10  .12  .16  .10  .10  .20  .36  .58  .58  .62  .62  .54  .58  .82  .74  .60  .30  .24  .34  .34  .30 .38  .82
23  .92  .90  .92  .78  .62  .80  .60  .58  .52  .90  .92  .84  .96  .96  .96  .92  .96  .86  .78  .50  .46  .44  .44  .24 .74  .96
24  .30  .32  .20  .14  .12  .10  .10  .10  .14  .28  .54  .56  .56  .92  .92  .96  .96  .92  .68  .70  .96  .96  .96  .95 .56  .96
25  .96  .96  .96  .96  .96  .96  .80  .92  .96  .90  .84  .46  .50  .48  .70  .74  .76  .52  .40  .20  .26  .34  .26  .26 .66  .96
26  .38  .40  .28  .34  .24  .22  .20  .24  .44  .54  .70  .76  .70  .70  .76  .70  .66  .60  .58  .62  .70  .60  .60  .60 .52  .76
27  .64  .38  .46  .28  .16  .20  .12  .16  .40  .70  .96  .82  .96  .96  .96  .96  .96  .82  .86  .56  .40  .32  .28  .58 .58  .96
28  .70  .54  .60  .66  .48  .44  .48  .34  .52  .54  .62  .70  .76  .64  .66  .78  .68  .70  .56  .34  .20  .22  .14  .12 .52  .78
29  .10  .10  .12  .18  .20  .12  .10  .12  .22  .50  .64  .44  .74  .76  .70  .58  .68  .78  .48  .50  .56  .38  .24  .34 .40  .78
30  .30  .40  .38  .36  .22  .14  .12  .18  .28  .58  .68  .74  .70  .66  .64  .66  .54  .44  .22  .12  .16  .22  .14  .12 .38  .74
31  .12  .10  .10  .10  .10  .10  .12  .12  .26  .40  .66  .66  .70  .70  .66  .60  .56  .68  .64  .52  .54  .44  .28  .14 .38  .70

AV  .30  .32  .32  .32  .32  .30  .28  .30  .32  .40  .50  .48  .52  .54  .56  .54  .54  .50  .44  .38  .34  .30  .28  .30 .40 [   ]
SD  .25  .26  .29  .28  .29  .29  .28  .28  .28  .29  .30  .26  .28  .28  .28  .29  .31  .33  .32  .28  .27  .23  .21  .24 .22 [   ]

OUTPT  [VERSION N   26 APR 76]
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SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.24	.22	.20	.18	.18	.18	.22	.20	.18	.62	1.04	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.04	.96	.94	.76	.60	.54	.66	1.06
2	.54	.40	.34	.26	.28	.18	.18	.18	.22	.52	.66	.66	.72	.78	.86	.84	.66	.54	.40	.22	.18	.18	.18	.18	.42	.86
3	.18	.18	.18	.18	.18	.18	.18	.18	.26	.44	.66	.72	.74	.78	.78	.70	.78	.60	.30	.18	.18	.20	.18	.18	.38	.78
4	.18	.18	.18	.18	.18	.18	.18	.18	.22	.36	.46	.56	.74	.74	.66	.64	.86	.44	.22	.24	.42	.26	.24	.20	.36	.86
5	.18	.18	.18	.18	.18	.18	.18	.18	.24	.46	.44	.50	.52	.86	.82	1.02	.98	.76	.98	.72	.68	.58	.52	.66	.50	1.02
6	.84	.82	.58	.76	.92	1.02	1.00	.84	.86	1.04	1.04	1.02	1.06	1.06	1.06	1.06	1.06	1.02	.98	.90	.90	.82	.78	.64	.92	1.06
7	.70	.68	.62	.58	.46	.50	.54	.80	.82	.78	.70	.68	.64	.82	.84	.80	.78	.74	.70	.48	.36	.22	.18	.20	.60	.84
8	.22	.18	.18	.20	.22	.22	.18	.24	.36	.58	.72	.76	.78	.74	.82	.70	.76	.78	.72	.40	.28	.22	.22	.38	.45	.82
9	.62	.70	.52	.46	.62	.26	.28	.44	.60	.78	1.02	1.06	1.06	1.04	.92	.92	.92	.94	.94	.84	.54	.26	.22	.22	.68	1.06
10	.20	.18	.20	.18	.18	.18	.18	.20	.40	.70	.72	.78	.72	.86	.74	.68	.66	.50	.28	.20	.20	.32	.32	.22	.40	.86
11	.18	.18	.18	.18	.18	.18	.18	.20	.28	.58	.64	.68	.70	.98	1.02	1.02	.96	.92	.78	.66	.34	.32	.24	.28	.50	1.02
12	.20	.26	.30	.36	.42	.42	.48	.52	.76	1.00	.98	1.04	1.06	1.00	.84	1.06	1.06	1.04	.98	.92	.80	.84	.84	.60	.74	1.06
13	.60	.56	.50	.36	.56	.68	.58	.66	1.00	1.06	1.04	1.06	1.06	1.06	1.06	.98	.98	.96	.92	.50	.24	.22	.22	.22	.72	1.06
14	.34	.32	.20	.22	.20	.22	.22	.44	.64	.80	.86	.92	.92	.80	.74	.74	.84	.54	.72	.64	.54	.46	.48	.66	.56	.92
15	.84	.66	.62	.58	.74	.78	.72	.94	1.02	1.04	1.04	1.06	1.06	1.06	1.06	1.06	1.06	1.06	.98	.74	.46	.44	.22	.22	.82	1.06
16	.18	.18	.36	.24	.24	.22	.18	.42	.72	.74	.80	.80	.92	.86	.94	.74	.98	1.06	.80	.80	.46	.26	.30	.22	.56	1.06
17	.34	.42	.56	.36	.44	.38	.42	.34	.36	.46	.48	.54	.66	.76	.80	.72	.72	.56	.52	.40	.40	.56	.56	.50	.52	.80
18	.46	.28	.28	.20	.20	.28	.20	.26	.40	.52	.64	.64	.72	.76	.84	.82	.94	.68	.82	.68	.66	.62	.44	.22	.52	.94
19	.22	.20	.22	.34	.32	.22	.22	.28	.58	.70	.60	.54	.64	.66	.76	.68	.60	.46	.26	.36	.52	.64	.74	.64	.48	.76
20	.22	.30	.26	.20	.32	.40	.48	.34	.58	.68	.80	.84	.82	.78	.78	.68	.64	.62	.60	.62	.52	.54	.62	.68	.56	.84
21	.72	.84	.60	.36	.32	.32	.48	.56	.56	.72	.86	.98	.96	1.06	.98	.90	.88	.70	.66	.74	.44	.28	.24	.22	.64	1.06
22	.22	.34	.38	.36	.52	.70	.80	.98	.98	1.04	1.06	1.06	1.06	1.06	.92	.74	.88	.86	1.04	.70	.50	1.00	.84	.90	.78	1.06
23	.46	.80	.88	.70	.84	.84	.86	.90	.94	.96	.94	1.00	1.06	1.06	1.00	1.00	.98	.96	.84	.66	.38	.26	.30	.24	.78	1.06
24	.34	.24	.18	.18	.18	.18	.20	.32	.46	.64	.70	.82	.84	.82	.80	.78	.74	.54	.30	.24	.64	.64	.46	.34	.48	.84
25	.26	.26	.20	.20	.20	.20	.22	.54	.92	.84	.86	.84	.94	1.06	1.06	1.06	1.06	1.02	.72	.38	.46	.46	.26	.34	.60	1.06
26	.74	.76	.64	.62	.78	.88	1.06	.80	.62	.48	.72	.74	.66	.84	.92	.94	.78	.78	.42	.26	.28	.28	.26	.22	.64	1.06
27	.42	.40	.32	.34	.40	.32	.32	.46	.54	.68	.78	.84	.82	.82	.88	.82	.74	.70	.74	.54	.28	.28	.32	.32	.54	.88
28	.26	.26	.22	.22	.20	.20	.20	.34	.52	.70	.72	.74	.82	.84	.84	.80	.78	.54	.40	.34	.34	.32	.22	.22	.46	.84
29	.20	.18	.18	.20	.20	.22	.24	.32	.56	.70	.74	.80	.84	.88	.82	.84	.96	.86	.84	.70	.46	.26	.42	.46	.54	.96
30	.46	.38	.38	.36	.40	.30	.32	.64	.74	.86	.94	.88	.94	.90	.86	.92	.92	.76	.72	.46	.28	.18	.22	.28	.58	.94
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.38	.38	.36	.32	.36	.36	.38	.46	.58	.72	.78	.82	.86	.90	.88	.86	.86	.76	.68	.54	.46	.42	.38	.38	.58	[ ]
SD	.21	.22	.19	.17	.22	.24	.26	.25	.25	.20	.18	.17	.16	.13	.11	.14	.14	.20	.25	.23	.19	.22	.21	.20	.13	[ ]

OUTPT [VERSION N 26 APR 76]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-10	-10	-11	-12	-13	-13	-13	-13	-12	-10	-7	-4	-2	0	0	-4	-4	-5	-5	-6	-7	-6	-8	-7	-8	0
2	-8	-8	-7	-7	-7	-7	-7	-7	-6	-4	-4	-2	-1	-2	-3	-3	-3	-3	-3	-3	-2	-3	-3	-3	-4	-1
3	-3	-2	-2	-2	-2	-1	-1	0	0	0	0	1	1	2	1	-1	0	0	0	0	1	0	0	0	0	2
4	1	1	1	1	1	1	1	1	2	3	-7	-1	-1	0	0	0	0	0	1	1	1	0	0	0	0	3
5	0	0	0	0	0	-3	-5	-6	-8	-8	0	-9	-9	-8	-8	-8	-9	-10	-10	-10	-10	-10	-10	-9	-6	0
6	-9	-9	-10	-10	-10	-9	-9	-8	-7	-7	-7	-7	-6	-6	-6	-7	-6	-7	-7	-7	-7	-6	-6	-6	-7	-6
7	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-4	-4	-4	-3	-3	-3	-3	-3	-3	-3	-4	-4	-4	-5	-5	-3
8	-4	-4	-4	-4	-4	-4	-3	-3	-3	-2	-1	-2	-2	-1	-1	-1	-1	-1	-1	-2	-2	-1	-1	-1	-2	-1
9	0	0	1	1	1	1	1	1	2	2	2	3	2	3	3	3	5	5	6	6	5	3	2	2	3	6
10	3	3	3	3	3	3	3	3	4	4	5	1	2	1	0	-1	-1	-1	-1	-2	-2	-1	-1	-2	1	5
11	-2	-2	-2	-2	-2	-2	-3	-3	-2	-1	0	-1	0	0	0	-1	-1	-1	0	-1	-1	-1	-1	-1	-1	0
12	-1	-1	-1	-1	-1	-2	-2	-2	-1	0	1	2	3	3	3	2	2	1	1	1	1	1	0	1	0	3
13	1	0	1	0	0	0	0	0	1	1	2	3	4	3	2	2	2	1	1	0	0	1	1	1	1	4
14	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	-1	0	1	0	0	-1	-2	-2	-2	1	2
15	-3	-3	-3	-4	-4	-4	-5	-5	-2	-1	0	-1	0	0	1	0	0	-1	-1	-1	-2	-5	-6	-7	-2	1
16	-8	-7	-7	-8	-7	-8	-9	-9	-9	-8	-7	-7	-6	-5	-4	-5	-5	-5	-5	-5	-5	-4	-4	-3	-6	-3
17	-2	-2	-5	-10	-11	-11	-11	-10	-9	-9	-9	-9	-10	-11	-12	-12	-11	-10	-8	-9	-9	-9	-9	-8	-9	-2
18	-8	-8	-8	-7	-7	-6	-6	-5	-5	-4	-3	-4	-4	-5	-5	-5	-7	-8	-7	-7	-7	-6	-7	-6	-6	-3
19	-6	-6	-6	-6	-7	-7	-6	-6	-5	-5	-4	-4	-4	-3	-3	-3	-4	-2	-2	-3	-7	-8	-7	-4	-5	-2
20	-2	-2	-3	-2	-2	-2	-4	-6	-7	-7	-7	-7	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-6	-2
21	-9	-10	-10	-12	-13	-14	-14	-14	-11	-9	-6	-3	-6	-7	-6	-6	-7	-8	-8	-7	-7	-7	-8	-8	-9	-3
22	-8	-9	-9	-9	-7	-5	-4	-2	0	1	2	3	3	3	3	4	4	4	4	4	4	5	5	6	0	6
23	8	9	10	7	8	10	12	12	13	14	13	9	11	12	13	11	9	7	7	6	6	7	6	6	9	14
24	7	7	8	7	8	8	8	9	9	9	9	9	10	11	11	8	9	9	10	9	8	7	7	7	9	11
25	8	8	8	9	8	9	9	10	10	11	10	10	10	11	12	10	8	5	4	3	2	0	0	0	7	12
26	0	2	4	4	3	5	5	7	7	7	8	8	9	8	5	1	-1	-1	-1	-1	-2	-2	-2	-2	3	9
27	-2	-2	-2	-2	-2	-3	-3	-3	-1	-1	0	0	0	0	0	0	0	0	-1	-1	-2	-2	-2	-3	-1	0
28	-2	-3	-3	-3	-3	-3	-3	-3	-2	-1	-1	0	0	1	0	-3	-2	-3	-3	-3	-3	-3	-4	-4	-2	1
29	-4	-4	-3	-3	-3	-3	-3	-2	-3	-3	-3	-3	-3	-3	-3	-3	-4	-5	-5	-5	-5	-4	-4	-3	-3	-2
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-2	-2	-2	-3	-3	-3	-3	-2	-2	-1	-1	-1	0	0	0	-1	-1	-2	-2	-2	-2	-2	-3	-2	-2	[ ]
SD	5	5	5	5	6	6	6	6	6	6	5	5	5	6	6	5	5	5	5	5	5	4	4	4	5	[ ]

OUTPT [VERSION N 26 APR 76]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 01/JUL/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3	-2	-1	0	0	-1	0	0	1	2	2	2	1	2	1	1	1	1	1	2	3	2	2	2	1	3
2	1	2	1	0	0	0	0	0	1	1	2	2	3	3	3	0	0	0	0	-1	0	-1	-1	-2	1	3
3	-3	-4	-4	-5	-5	-5	-5	-4	-3	-2	-2	-2	-1	0	-1	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3	0
4	-2	-1	-1	-1	-1	-1	-1	0	0	-3	1	0	1	1	1	0	0	0	0	-1	-1	-1	-1	-1	-1	1
5	-1	-1	-1	-1	-1	-1	-1	0	1	1	1	1	1	2	1	0	0	1	0	0	0	0	0	0	0	2
6	0	1	1	2	2	2	2	2	3	3	3	4	4	4	3	4	4	4	4	3	3	3	4	4	3	4
7	3	3	4	4	4	4	3	4	4	5	5	5	5	5	5	4	5	5	5	5	4	4	4	4	4	5
8	4	5	5	5	4	4	5	5	5	6	6	6	6	6	3	2	1	-1	-2	-3	-4	-4	-4	-4	2	6
9	-3	-2	-1	-1	0	1	1	1	1	2	4	3	3	2	-2	-8	-11	-14	-15	-15	-16	-16	-16	-17	-5	4
10	-16	-14	-14	-12	-8	-13	-14	-7	-2	-1	1	2	3	1	0	1	1	0	1	0	0	0	0	0	-4	3
11	-1	-1	-1	-1	0	-1	-1	0	2	2	0	1	2	2	2	1	0	-5	-7	-5	-3	-2	-2	-3	-1	2
12	-2	-3	-2	-2	-2	-2	-3	-2	-2	-2	-2	-2	-2	-1	-1	-3	-2	-2	-1	-1	-1	-1	-1	0	-2	0
13	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	3	2	2	2	1	2	2	2	2	2	3
14	3	3	4	4	3	4	4	4	4	4	4	3	4	4	4	4	2	0	0	-1	-1	1	1	1	3	4
15	1	2	2	2	2	2	2	3	3	3	4	4	5	5	5	4	2	2	1	0	0	0	0	0	2	5
16	1	2	2	2	2	2	2	4	4	4	5	4	4	5	4	3	2	0	-1	-2	-2	-2	-2	-3	2	5
17	-1	-2	-2	-2	-1	-1	-1	-1	0	0	1	0	0	0	0	0	0	0	0	-1	-2	-3	-3	-3	-1	1
18	-2	-2	-2	-2	-2	-2	-2	0	0	1	0	2	2	-1	-2	-2	-3	-3	-3	-2	-2	-3	-2	-2	-1	2
19	-1	0	0	0	-1	-2	-3	-4	-6	-6	-6	-7	-5	-6	-5	-6	-5	-4	-2	-2	-3	-2	-1	-1	-3	0
20	-1	-2	-4	-3	-2	-2	-2	-1	0	0	0	0	1	2	2	3	2	2	3	3	2	2	2	2	0	3
21	2	2	2	3	3	3	3	3	2	2	0	1	1	0	0	0	1	1	2	3	4	4	4	3	2	4
22	4	4	4	4	4	4	4	5	5	5	5	5	6	5	5	4	2	3	3	2	2	2	2	2	4	6
23	2	2	3	3	4	4	5	5	5	4	5	-4	-12	-8	-6	-5	-3	-4	-3	-3	-3	-2	-3	-3	-1	5
24	-3	-2	-2	0	0	1	1	2	0	-2	-3	-4	-3	-2	-1	-1	-1	0	0	1	1	3	5	7	0	7
25	9	7	8	8	7	7	7	12	15	15	14	4	-2	-2	-2	-3	-4	-3	-4	-4	-5	-5	-5	-7	3	15
26	-9	-11	-12	-12	-11	-10	-10	-8	-8	-10	-11	-11	-11	-10	-7	-4	-5	-5	-6	-7	-7	-7	-7	-7	-9	-4
27	-8	-7	-8	-9	-8	-8	-8	-7	-7	-7	-7	-7	-6	-6	-6	-4	-5	-6	-4	-2	-4	-4	-4	-6	-6	-2
28	-7	-7	-6	-7	-7	-7	-7	-7	-6	-6	-6	-5	-6	-6	-6	-6	-6	-6	-7	-6	-6	-6	-6	-7	-6	-5
29	-6	-6	-7	-7	-7	-6	-6	-6	-6	-6	-5	-5	-4	-5	-5	-6	-6	-7	-7	-7	-6	-6	-5	-5	-6	-4
30	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4	-4	-3	-2	-1	-1	-1	-2	-2	-3	-3	-4	-4	-1
31	-3	-3	-3	-3	-2	-2	-2	-1	-1	-2	-2	-2	-2	-2	-1	-1	-1	0	1	0	-1	-1	-2	-3	-2	1
AV	-1	-1	-1	-1	-1	-1	-1	0	0	0	1	0	0	0	0	-1	-1	-1	-1	-2	-2	-2	-1	-2	-1	[ ]
SD	5	4	5	5	4	4	5	4	5	5	5	4	5	4	3	3	3	4	4	4	4	4	4	4	3	[ ]

OUTPT (VERSION N 26 APR 76)

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-5	-5	-5	-5	-5	-4	-4	-3	-3	-2	-2	-3	-3	-4	-4	-3	-4	-4	-3	-2	-2	-2	-2	-3	-3	-2
2	-2	-2	-2	-2	-3	-3	-1	-1	0	0	0	0	0	0	-1	-1	-1	0	0	1	0	0	-1	-1	-1	1
3	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	-1	1	2	2	1	1	0	0	0	2
4	0	0	0	1	0	1	2	2	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	2
5	1	1	2	2	3	3	4	4	4	4	4	3	4	3	3	2	4	4	4	3	3	2	2	2	3	4
6	3	3	2	3	4	5	5	6	6	5	4	2	3	3	3	1	1	1	2	2	2	2	2	2	3	6
7	2	2	2	3	1	0	0	1	1	2	-2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	3
8	2	2	2	3	3	3	3	5	4	4	4	3	3	3	-1	1	3	3	3	2	3	2	2	3	3	5
9	2	3	3	4	4	5	7	7	7	6	4	4	4	4	2	1	2	3	3	4	4	3	3	4	4	7
10	4	5	6	6	6	5	6	6	4	3	2	2	2	1	2	2	2	2	2	2	3	2	3	3	3	6
11	4	5	6	7	7	7	8	7	6	6	4	3	3	3	4	4	4	5	5	4	5	4	4	4	5	8
12	5	7	7	8	9	8	8	8	9	8	7	6	7	7	6	3	4	4	5	6	7	7	8	9	7	9
13	10	10	9	9	9	9	8	10	10	10	9	0	-1	0	1	0	0	0	1	1	1	1	1	1	5	10
14	1	1	1	2	2	1	2	2	2	2	2	2	2	3	4	4	4	4	3	3	3	3	3	3	2	4
15	3	3	3	3	3	3	3	4	4	4	3	2	2	2	2	1	1	1	2	2	2	2	2	3	3	4
16	3	3	3	4	2	4	5	5	5	5	5	3	3	3	2	2	2	3	4	3	4	4	4	4	4	5
17	4	4	5	5	5	5	5	5	5	5	6	6	6	6	5	4	4	4	4	4	4	4	5	4	5	6
18	4	5	5	6	6	6	6	6	6	6	6	5	5	5	5	6	6	5	6	7	8	7	7	5	6	8
19	3	7	8	7	7	7	7	7	7	6	5	1	4	6	7	5	5	5	5	5	6	6	7	6	6	8
20	7	8	8	8	8	9	9	11	11	10	9	8	8	7	7	5	6	6	6	6	6	7	8	9	8	11
21	8	8	9	9	10	9	11	11	11	10	9	8	9	8	8	6	6	7	7	7	7	7	6	7	8	11
22	8	8	9	10	12	14	14	16	15	13	12	10	10	9	13	9	9	9	13	11	11	12	13	16	11	16
23	16	15	16	15	16	17	18	21	21	20	19	19	19	20	19	18	18	18	18	20	19	18	18	19	18	21
24	21	20	21	21	21	20	20	20	19	19	18	15	14	14	11	12	13	12	11	12	15	15	15	16	16	21
25	17	17	17	19	19	18	15	14	16	1	2	3	3	3	4	4	5	7	7	7	5	5	5	5	9	19
26	6	5	6	6	6	6	7	9	9	8	8	8	8	8	6	5	5	5	4	4	4	4	4	5	6	9
27	6	6	6	6	6	6	7	7	7	7	6	6	6	6	5	5	5	5	6	7	6	6	6	6	6	7
28	6	6	7	7	6	6	9	9	9	8	0	6	7	7	4	4	4	5	4	5	5	5	5	6	6	9
29	6	6	6	7	8	8	9	9	8	8	7	6	6	6	4	4	3	5	5	6	6	6	6	7	6	9
30	7	8	8	9	10	11	12	11	12	11	10	12	12	11	10	10	10	10	10	10	9	10	10	11	10	12
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	6	6	6	6	7	7	7	6	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	[ ]
SD	5	5	5	5	6	6	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	4	[ ]

OUTPT (VERSION N 26 APR 76)

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	81	83	80	78	73	79	82	86	89	94	69	99	100	100	98	77	80	77	86	87	81	93	86	97	86	100
2	99	100	100	100	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	100	90	91	97	100	100	100	[OS]	[OS]	[OS]	[OS]	98	100
3	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	100	100	100	100	100	[OS]	[OS]	[OS]	100	100
4	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	70	69	76	86	42	66	64	63	64	63	66	72	74	75	75	69	65	68	68	86
5	70	70	70	72	75	89	92	93	90	88	[OS]	82	79	77	78	81	82	82	84	89	91	97	98	100	84	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	100	100	100	100	100	100	100	100	100	100
7	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[ ]	[ ]
8	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
9	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	89	87	95	96	91	100	[OS]	[OS]	94	100
10	[OS]	100	97	92	92	97	100	99	96	93	100	87	81	77	70	65	65	70	71	72	80	88	92	96	86	100
11	100	100	100	100	100	100	100	100	[OS]	100	100	99	98	96	90	80	81	90	98	98	100	100	100	100	97	100
12	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	96	100	100	100	100	[OS]	[OS]	[OS]	[OS]	99	100
13	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	100	95	92	99	100	100	100	100	100	100	99	100
14	100	100	[OS]	[OS]	100	100	[OS]	[OS]	[OS]	[OS]	100	100	96	86	78	89	76	86	83	82	73	69	79	85	88	100
15	87	92	92	91	93	92	93	94	100	100	100	89	85	82	77	74	75	69	83	88	82	64	61	62	84	100
16	56	64	65	64	68	63	62	61	59	56	55	54	52	54	55	59	59	62	56	56	55	57	58	63	59	68
17	69	88	70	46	46	48	49	54	58	54	51	48	44	38	34	32	34	41	53	45	48	44	43	47	49	68
18	49	49	51	53	52	53	55	55	53	52	62	55	53	46	47	49	43	42	46	47	52	58	60	68	52	68
19	71	74	78	82	76	82	82	90	90	84	80	72	63	59	55	54	58	75	93	80	59	58	66	95	74	95
20	100	100	100	100	100	100	91	79	76	74	75	70	60	56	57	58	61	67	69	73	79	82	82	87	79	100
21	93	98	100	100	94	95	98	100	100	100	100	100	82	70	68	67	62	64	76	81	88	91	99	100	89	100
22	100	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
23	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[ ]	[ ]
24	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
25	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	99	83	84	82	78	72	76	84	84	100
26	98	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	80	55	51	56	60	63	63	67	70	78	72	100
27	82	83	87	92	93	94	96	98	100	87	81	73	65	62	56	53	52	55	59	58	60	59	68	72	74	100
28	77	82	83	87	84	87	91	93	94	92	83	79	67	61	39	31	32	33	36	42	44	45	43	44	65	94
29	45	47	57	62	66	64	50	61	43	38	36	32	31	31	32	32	29	29	31	32	33	36	36	40	41	66
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	82	86	84	82	83	85	82	83	82	81	77	78	75	73	73	73	71	72	77	77	74	74	74	79	82	[ ]
SD	18	17	16	17	17	17	18	17	19	20	22	20	21	22	22	23	23	21	21	21	19	20	20	20	17	[ ]

OUTPT [VERSION N 26 APR 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	43	46	54	59	58	55	59	60	60	59	57	53	44	46	48	44	53	54	54	91	100	100	100	[OS]	61	100
2	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
3	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[ ]	[ ]
4	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
5	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[ ]	[ ]
6	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[ ]	[ ]
7	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[ ]	[ ]
8	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	99	94	100	97	98	100	100	100	99	100
9	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	73	45	32	27	28	30	31	33	33	32	47	100
10	37	47	49	62	83	56	57	89	100	100	100	100	95	81	72	70	67	69	80	86	89	92	95	99	78	100
11	88	89	97	100	84	81	82	97	100	94	70	72	92	100	100	100	100	74	71	89	100	100	100	100	91	100
12	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	100	100	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
13	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	100	100	100	100	100	[OS]	100	[OS]	[OS]	100	100
14	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	98	100	100	91	87	75	79	73	72	77	87	91	95	88	100
15	99	100	[OS]	[OS]	[OS]	[OS]	100	[OS]	100	100	100	98	100	97	94	87	74	76	84	61	85	91	91	89	92	100
16	99	100	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	90	89	88	81	69	64	59	59	57	57	58	59	55	78	100
17	76	76	79	83	87	91	91	92	87	77	70	59	51	46	44	43	42	43	49	49	49	46	49	48	64	92
18	57	65	67	71	77	83	87	90	81	70	56	53	46	30	28	29	27	30	30	33	33	32	36	38	52	90
19	42	47	51	49	53	57	64	66	58	60	57	53	61	58	64	55	62	72	85	92	88	96	100	100	66	100
20	100	100	93	100	100	100	100	100	100	100	100	94	96	97	92	87	81	80	88	94	98	100	100	100	96	100
21	100	100	100	100	100	100	100	98	89	79	66	66	62	54	52	52	55	57	66	77	87	98	100	100	82	100
22	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	94	80	77	67	62	50	45	50	55	57	59	64	62	59	68	100
23	57	60	62	69	71	71	80	85	72	54	52	30	11	18	22	26	30	28	35	37	42	47	44	47	48	85
24	53	59	70	87	90	97	100	100	74	53	42	34	35	31	31	31	32	35	39	44	44	48	55	65	56	100
25	74	68	70	74	70	73	90	[OS]	[OS]	[OS]	[OS]	[OS]	81	85	86	78	79	84	83	79	75	81	78	69	78	90
26	60	50	50	53	63	70	73	75	63	47	39	36	34	33	38	44	41	43	45	45	47	47	46	46	50	75
27	45	49	45	44	53	54	62	64	55	35	33	34	32	31	31	35	39	43	59	82	69	70	75	62	50	82
28	65	67	69	68	70	71	73	73	71	67	66	61	59	55	52	49	50	50	52	58	61	64	66	68	63	73
29	72	76	79	84	82	92	95	87	75	65	61	56	57	49	49	47	46	45	47	51	57	63	66	70	65	95
30	72	77	80	81	87	92	94	85	76	67	59	57	54	49	47	48	51	52	56	58	60	61	64	66	66	94
31	72	78	84	92	98	100	100	100	81	64	53	46	44	40	37	36	36	39	44	47	50	52	51	54	62	100
AV	72	73	72	76	78	79	84	85	79	75	69	63	66	65	62	62	59	59	62	67	68	72	72	71	74	[ ]
SD	21	20	18	18	15	16	15	13	15	20	22	22	26	28	25	25	23	22	21	22	22	23	23	22	18	[ ]

OUTPT [VERSION N 26 APR 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT•UTAH

SITE A 2

APRIL•1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	63	72	72	81	78	86	83	88	66	48	41	37	33	31	29	23	22	23	27	31	34	37	39	46	50	88
2	52	56	58	63	74	77	91	88	75	62	58	50	44	40	33	32	33	36	41	49	52	54	60	66	56	91
3	74	78	84	87	100	100	100	100	79	62	51	45	41	36	33	31	36	33	40	46	48	48	56	62	61	100
4	70	74	78	87	91	99	100	96	75	57	49	43	38	32	33	35	42	40	41	45	46	55	58	64	60	100
5	69	73	82	88	95	99	100	100	97	81	70	60	53	48	43	54	76	85	85	84	82	83	84	85	78	100
6	94	96	96	100	100	100	100	100	100	88	80	68	71	69	70	60	59	65	68	69	71	73	75	75	81	100
7	76	79	82	83	79	70	69	69	67	76	43	54	53	51	47	48	49	50	54	59	62	63	67	67	63	83
8	76	76	85	92	98	100	100	100	89	73	62	50	46	44	61	45	39	40	43	46	53	55	59	61	66	100
9	47	50	55	62	70	82	91	87	77	63	51	51	49	48	41	39	41	45	50	60	63	72	72	79	60	91
10	99	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	96	72	60	54	47	42	40	39	38	39	41	44	53	53	60	74	58	100
11	87	99	100	[OS]	[OS]	[OS]	[OS]	[OS]	100	78	59	45	36	31	33	33	33	35	39	41	47	56	61	65	57	100
12	80	90	75	79	81	77	73	66	66	54	49	46	53	57	58	48	56	56	61	69	74	77	80	86	67	90
13	90	92	90	93	96	94	88	99	100	100	98	50	43	45	46	40	43	45	57	64	69	67	69	73	73	100
14	73	73	78	79	81	75	79	71	66	62	57	53	53	62	73	66	69	72	79	91	89	84	83	83	73	91
15	82	89	89	88	87	89	89	89	81	73	64	58	57	57	56	49	50	54	70	88	93	93	95	98	77	98
16	100	100	100	100	97	100	100	100	94	86	77	70	65	60	51	56	69	95	99	100	100	100	100	100	88	100
17	100	100	100	100	100	100	100	[OS]	[OS]	[OS]	100	100	100	93	82	80	74	75	77	79	81	83	94	100	91	100
18	100	100	100	[OS]	[OS]	100	100	100	100	97	91	81	85	92	87	88	91	88	100	100	[OS]	[OS]	[OS]	100	95	100
19	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	98	98	69	77	80	80	66	65	66	69	74	77	64	93	98	82	100
20	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	88	80	73	67	64	52	52	51	54	58	67	78	87	91	73	100
21	86	86	95	95	100	100	100	100	88	72	62	54	56	50	51	46	45	49	52	55	56	66	71	80	71	100
22	95	91	100	100	100	100	100	100	87	74	66	58	53	57	84	61	55	55	75	71	79	89	100	[OS]	80	100
23	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
24	[IM]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	98	86	87	71	69	67	68	80	96	100	100	[OS]	85	100
25	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	98	38	43	42	38	32	35	46	78	100	100	100	100	100	100	100	72	100
26	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	100	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	100	100
27	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	100	92	83	73	68	67	72	84	91	92	99	100	100	87	100
28	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	52	64	63	59	50	47	47	50	50	57	59	63	67	78	63	100
29	86	90	91	100	100	100	100	100	90	80	65	56	51	48	40	41	40	45	52	62	65	74	79	88	73	100
30	96	100	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	100	99	100	100	90	81	78	79	78	78	83	90	100	100	100	92	100
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	84	85	86	89	90	92	93	92	86	76	68	62	60	57	57	55	57	60	64	68	70	74	78	82	74	[ ]
SD	15	14	13	12	10	10	10	11	12	17	19	19	20	19	20	20	20	22	21	19	18	18	17	15	13	[ ]

OUTPT [VERSION N 26 APR 76]

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         WIND SPEED @ 10M
         (MILES/HOUR)
                                                                                 WHITE RIVER SHALE PROJECT,UTAH          *********************
                                                                                                                         *                   *
                                                                                 SITE A  3                               *  PRELIMINARY DATA *
                                                                                                                         *  AS OF 01/JUL/76  *
                                                                                 FEBRUARY,1976                           *                   *
                                                                                                                         *********************
                                                                                 AEROVIRONMENT INC.                      *                   *
                                                                                                                         *    SUBJECT TO     *
                                                                                                                         *     REVISION      *
                                                                                                                         *                   *
                                                                                                                         *********************

                                                            CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                          P
  A                                                                                                                                          E
  T   00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE   A
  E                                                                                                                                          K

  1 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF][   ] [   ]
  2  3.0  2.0  3.0  2.0  1.5  2.0  2.5  1.5  2.0  2.5  2.5 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  2.0   3.0
  3 [RF] [RF]  3.5  2.0  4.0  2.0  2.0  1.5  1.5  2.5  2.5 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  2.5  2.0  2.5   4.0
  4  2.5  2.5  2.0  3.0  2.5  3.0  5.5 10.5 12.5 16.0 16.5 12.5 14.0 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  8.0  16.5
  5 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] 15.0 16.5 15.0 16.0 15.5 16.0 11.5 15.5 14.5 14.0 12.5 13.5 11.5 10.5  9.5  6.513.5  16.5
  6  8.0  9.0  9.0  7.5  9.5  8.5  6.0  4.0  3.5  5.5  2.5  4.0 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  4.5  2.0  9.0  6.0   9.5
  7  3.5  4.5  4.0  4.0  2.0  2.0  1.5  2.5  2.5  4.5  4.0  7.0  8.0 [RF] [RF] [RF] [RF] [RF] [RF] [RF]  4.0  1.5  2.0  3.0  3.5   8.0
  8  3.5  2.0  2.0  2.0  2.5  3.5  2.0  2.0  2.0  3.5  4.5  5.5 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  3.0   5.5
  9 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  5.5  6.0  7.0 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  6.0   7.0
 10 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  4.5  2.5  3.5   4.5
 11  2.5  4.5  3.0  4.0  3.0  2.0  1.5  3.0  2.0  4.0 [RF] [RF] [RF]  5.0 [RF] [RF] [RF] [RF] [RF] [RF]  4.5  1.5  4.5  2.0  3.0   5.0
 12  2.0  1.5  2.0  1.5  1.5 [RF]  1.5  1.5  3.0  3.0  3.5 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]  4.5  4.0  2.5  2.0  2.5   4.5
 13  2.0  2.0  2.0  3.5  2.0  2.5  2.5  3.0  1.5  3.0  3.0 [RF]  5.5  7.0  8.5  5.5  5.5  5.5  2.5  4.0  3.0  2.0  2.0  2.0  3.5   8.5
 14  2.5  3.0  2.0  2.5  2.5  3.0  4.5  2.0  3.5  3.5  4.0  4.0  3.5  4.5  2.5  8.5  6.5  6.5  2.5  3.5  3.5  3.5  4.0  4.0  4.0   8.5
 15  4.0  3.5  4.0  2.5  2.0  2.5  2.0  1.5  2.5  3.0  4.5  3.0  5.5  5.5  4.0  9.5  8.5  6.5  8.5  4.0  3.5  5.5  9.5  3.5  4.5   9.5
 16  3.0  4.5  3.5  4.0  4.5  2.5  2.0  2.0  5.0  7.0 11.5  9.5  6.5  7.0  7.0  5.5  9.5  6.5  3.5  2.0  2.5  8.5  7.5 10.5  5.5  11.5
 17  8.0 15.5 12.0 18.5 16.0 11.0  8.0  8.0  8.5  8.5  9.5 11.5 17.0 16.5 15.0 11.5  9.0  6.5  3.5  2.5  3.0  5.0  5.5  5.010.0  18.5
 18  2.0  3.0  2.5  2.0  2.5  2.5  4.0  3.5 13.0 13.0 17.0 20.0 19.0 16.0 17.0 14.5 14.5 11.5  8.0  4.5  3.5  4.0  3.5  5.5  8.5  20.0
 19  5.5  5.0  5.0  3.5  2.5  3.5  2.5  2.0  3.0  3.0  8.5  8.0  6.5  6.5  8.0  6.5 12.5 13.5 14.5  9.0 11.5 10.0 11.5  5.0  7.0  14.5
 20  7.0  8.0  4.5  5.0  1.5  5.0  4.5  7.5  6.0  6.5  6.5 13.5 15.0 16.0 15.5 14.0 13.0 10.0 12.0 13.0 10.5 11.5  7.0  3.0  9.0  16.0
 21  2.0  2.5  2.0  4.5  3.0  3.5  3.0  4.0  3.5  3.0  2.5  3.0  3.5  3.5  3.5  3.5  5.5  6.5  7.0  4.0  3.5  5.0  4.0  2.0  3.5   7.0
 22  2.0  6.0  6.0  3.5  3.0  2.0  3.0  2.5  4.0  3.0  3.0  3.5  4.0  4.5  5.0  6.0  5.0  3.5  5.0  2.5  1.5  1.0  3.0  2.0  3.5   6.0
 23  2.0  3.0  2.5  3.0  2.0  3.5  2.5  2.0  2.5  2.5  3.5  4.5  5.0  4.0  3.5  4.0  4.0  4.0  4.0  4.0  1.5  5.5  3.5  3.0  3.5   5.5
 24  3.0  2.0  2.5  4.5  4.0  6.5  4.5  2.5  3.0  6.0  3.5  6.0  4.5  3.5  3.5  2.5  2.0  7.5  3.5  2.5  3.0  2.0  3.5  3.5  3.5   7.5
 25  4.0  5.0  3.0  5.0  4.5  2.5  3.5  2.0  2.5  3.0  4.5  4.0  4.0  4.0  5.0  3.5  3.5  3.0  2.5  5.0  4.0  3.0  3.0  2.5  3.5   5.0
 26  2.0  2.0  1.5  3.5  2.5  2.5  2.0  1.5  2.0  3.5  4.0  4.5  6.0  5.0  5.0  6.5  7.0  4.0  2.5  3.5  2.0  1.5  2.0  4.0  3.5   7.0
 27  2.5  2.0  1.5  2.5  1.5  2.5  2.5  2.0  2.0  2.5  3.0  2.5  7.5  5.0  5.0  4.5  3.5  3.5  3.5  3.0  5.0  3.5  2.5  2.5  3.0   7.5
 28  2.5  6.5  2.5  2.5  2.0  2.0  2.5  1.0  1.5  2.0  3.5  3.5  2.5  3.5  5.0 11.5 12.5  9.5  2.5  2.5  5.0  3.5  3.5  5.0  4.0  12.5
 29  3.5  4.0  4.0  3.5  2.0  5.0  4.0  6.5  3.5  8.5 11.5 16.0 20.0 20.0 19.0 16.0 15.0 14.5 12.0 11.0  8.0  6.5  7.5  8.0  9.5  20.0
 30 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV  3.5  4.5  3.5  4.0  3.5  3.5  3.0  3.0  4.5  5.5  6.0  7.5  8.5  8.0  8.0  8.5  8.5  7.5  6.0  5.0  4.5  4.5  4.5  4.0  5.0 [   ]
 SD  1.8  3.0  2.4  3.2  3.0  2.2  1.6  2.3  3.7  4.0  4.5  5.1  5.5  5.3  5.0  4.4  4.2  3.6  4.0  3.6  3.0  3.0  2.7  2.3  2.8 [   ]

 OUTPT  [VERSION N   26 APR 76]
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```
      WIND SPEED @ 10M
      (MILES/HOUR)                                                              ********************
                                                     WHITE RIVER SHALE PROJECT,UTAH   *                  *
                                                                                      * PRELIMINARY DATA *
                                                     SITE A  3                        * AS OF 01/JUL/76  *
                                                                                      *                  *
                                                     MARCH,1976                       ********************
                                                                                      *                  *
                                                     AEROVIRONMENT INC.               *    SUBJECT TO    *
                                                                                      *     REVISION     *
                                                                                      *                  *
                                                                                      ********************

                                      CLOCK HOUR  [LOCAL STANDARD TIME]
                                                                                                                       P
 D                                                                                                                     E
 A                                                                                                                     A
 T   00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23  AVE   K
 E

 1 10.0   9.0  20.0  16.0  14.5  13.5  11.5   7.0  10.0  18.0  21.0  20.5  25.0  26.0  26.5  26.0  24.5  24.0  22.0  18.5   8.5   5.0   4.0   5.016.0 26.5
 2  2.5   5.0   9.5  12.0  12.5   8.5   4.0   7.0   8.5  14.5  12.0   8.5   7.0   6.0   9.5   9.5   5.5   5.0   5.5   3.5   4.0   2.0   2.5   2.0 7.0 14.5
 3  3.0   4.5   3.5   2.5   2.5   2.0   1.5   2.5   2.5   2.0   2.0   3.0   3.0   3.0   4.5   5.0   8.5   5.5   3.5   3.5   2.5   2.5   5.5   3.5 3.5  8.5
 4  5.0   4.0   3.0   2.0   2.0   2.5   2.0   1.5   1.5   4.0   6.0   7.0   9.5   8.5   6.0   6.5   6.0   6.0   5.0   2.5   2.0   2.0   5.0   3.5 4.5  9.5
 5  2.0   1.5   1.5   2.0   2.5   3.5   4.0   3.0   2.5   2.0   2.5   2.0   2.5   2.5   2.5   5.0   6.5   4.0   3.0   2.0   2.5   2.5   1.5   2.5 3.0  6.5
 6  2.5   3.0   3.5   3.5   5.0   2.5   3.5   3.5   3.0   3.0  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM] 3.5  5.0
 7 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][   ] [   ]
 8 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][   ] [   ]
 9 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][   ] [   ]
10 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][   ] [   ]
11 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
12 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
13 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
14 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
15 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
16 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
17 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
18 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
19 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
20 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
21 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
22 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
23 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
24 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]   2.5   5.5   7.0   8.0  10.0  15.5  15.0  14.5  15.0  10.0   6.5  15.0  14.5  13.0  17.011.5 17.0
25 14.0  17.0  17.0  17.0  14.0  16.0  11.0  15.0  17.0  16.5   7.5   7.5   6.5   8.5  10.5  15.5  12.5   9.0   5.5   4.5   2.5   5.5   3.0   2.010.5 17.0
26  2.5   5.5   3.0   2.5   3.5   3.0   4.0   3.5   3.0   6.0   6.0   7.0   8.5   7.5   6.0   6.0   5.0  10.5   9.5   6.5   3.5   3.5   2.5   5.0 5.0 10.5
27  6.5   2.5   2.5   3.0   2.0   4.0   2.0   2.5   3.5   5.0   8.5  10.0  10.5  20.0  21.0  20.0  17.5  15.5  14.5   9.5   8.0   2.5   7.0   9.0 8.5 21.0
28  6.5   7.0  12.5   7.5   4.5   4.0   4.0   4.0   5.0   6.5   6.5   7.5   9.0   9.5   8.5   9.0   7.0   9.0  10.5   7.0   6.5   7.0   8.5   8.5 7.5 12.5
29  2.0   4.0   2.5   2.5   2.0   2.0   2.0   2.5   3.5   5.0   8.0   8.5   9.0   8.5   9.0   9.5   7.0   9.5  10.0   8.0   8.0   8.0   8.5   4.0 6.0 10.0
30  4.0   7.0   6.0   4.5   4.0   4.5   4.0   3.5   4.0   6.5   7.5   7.5   8.5   7.0   7.0   5.5   4.5   3.5   6.5   8.0   4.0   4.5   2.5   4.0 5.5  8.5
31  4.0   4.0   5.0   4.5   4.5   6.0   4.5   4.0   3.0   3.5   4.5   6.5   7.0   6.0   5.5   5.0   5.0   8.5  11.5   6.5   6.0   3.5   4.0   2.0 5.0 11.5

AV  5.0   5.5   7.0   6.0   5.5   5.5   4.5   4.5   5.0   7.0   7.5   8.0   9.0   9.5  10.0  10.5   9.5   9.5   9.0   6.5   5.5   5.0   5.0   5.0 7.0 [   ]
SD  3.4   3.8   5.8   5.2   4.5   4.3   3.1   3.4   4.1   5.2   4.6   4.2   5.2   6.3   6.6   6.4   5.8   5.5   5.0   4.1   3.5   3.3   3.2   4.0 3.6 [   ]

 OUTPT  [VERSION N   26 APR 76]
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```
      WIND SPEED @ 10M
      (MILES/HOUR)
                                                        WHITE RIVER SHALE PROJECT,UTAH        *********************
                                                                                              *                   *
                                                        SITE A  3                             *  PRELIMINARY DATA *
                                                                                              *  AS OF 01/JUL/76  *
                                                        APRIL,1976                            *                   *
                                                                                              *********************
                                                        AEROVIRONMENT INC.                    *                   *
                                                                                              *    SUBJECT TO     *
                                                                                              *     REVISION      *
                                                                                              *                   *
                                                                                              *********************

                                         CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                             P
  A                                                                                                                             E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE    A
  E                                                                                                                             K

  1   2.5   3.5   2.5   2.5   2.0   2.5   2.0   2.5   3.0   4.5  11.5  21.0  22.0  20.0  23.5  24.0  25.0  22.5  14.5  11.0   7.0   3.0   5.0  11.010.5  25.0
  2   4.0   2.0   2.0   2.5   1.5   2.0   2.0   2.0   4.0   4.5   5.0   5.0   5.5   7.0   8.5   8.0   6.5   6.5   4.5   5.0   5.0   5.0   5.0   5.5 4.5   8.5
  3   6.0   4.5   4.0   5.0   4.0   4.5   3.5   4.0   3.5   4.5   5.5   6.5   6.0   6.5   7.0   7.0   8.0   6.0   5.5   6.0   5.5   5.0   5.0   6.0 5.5   8.0
  4   4.0   2.5   5.0   2.5   4.5   3.5   3.5   3.0   3.5   3.5   4.5   4.5   6.0   6.0   8.5   5.0  11.5   3.5   3.5   4.5   7.0   7.0   5.0   6.5 5.0  11.5
  5   4.0   6.0   4.0   2.0   2.0   2.5   2.0   3.0   4.0   7.0   4.5   8.5   8.5  12.5  15.5  18.0  13.0  11.5  12.5   8.5   5.5   9.0  10.0  13.0 8.0  18.0
  6   7.0   5.5   5.0   9.5   7.5   6.5   8.5   8.0  10.0  13.0  13.0  13.0  14.5  16.0  17.5  16.5  16.5  14.5  11.0  12.0  12.0   5.0   5.0   1.510.5  17.5
  7   2.0   6.0   2.5   2.0   2.5   3.0   2.0   4.5   7.5   6.0   8.5   6.5   7.5   8.5   9.5  12.0  13.0  12.5  12.5  10.0   9.0  11.5   9.0   6.5 7.5  13.0
  8   2.5   3.5   3.5   4.0   2.5   3.5   3.5   3.5   4.5   5.0   5.0   5.5   5.0   5.5   7.5   7.0  11.0   9.5  10.0   4.0   5.5   5.0   6.5   5.0 5.5  11.0
  9   3.0   4.5   5.0   5.5  10.0   3.5   3.5   3.5   9.5  10.5  16.5  17.5  15.0  12.5  11.5  14.0  13.5  13.5  12.5  11.5   7.5   6.0   6.0   2.5 9.0  17.5
 10   4.5   3.5   5.5   4.5   7.5   6.5   3.0   3.0   4.0   6.5   6.0   4.5   5.5   7.0   6.0   6.5   8.0   8.0   5.5   8.0   4.0   2.5   2.0   6.0 5.5   8.0
 11   4.0   3.0   3.0   4.5   3.5   3.5   3.0   3.5   3.0   4.0   5.0   5.5   5.5  14.0  18.0  17.5  17.0  14.5  12.0   4.0   4.5   6.0   2.5   5.0 7.0  18.0
 12   5.0   5.0   4.5   5.5   4.0   4.0   4.0   4.0   7.5  18.0  16.0  17.5  18.0  18.5  11.0  16.0  16.0  14.0   9.5   7.0   4.0   5.0   6.0   5.5 9.5  18.5
 13   4.5   3.5   7.5   5.5   7.0   8.0  10.5  12.0  19.5  17.0  18.5  17.5  18.5  19.0  19.0  14.5  13.5   5.5  16.0   5.5   2.0   2.0   3.0   3.010.5  19.5
 14   5.0   3.0   3.0   2.5   3.5   3.0   2.5   3.5   5.0   3.5  11.0  14.5  12.0   9.5  11.0   7.0   7.0   7.0  10.5   7.5   5.5   3.0   3.0   2.5 6.0  14.5
 15   3.5   5.0   4.0   4.5   5.0   4.5   4.5  11.5  16.0  17.0  17.0  19.5  19.0  19.5  18.0  19.5  18.0  18.0  13.5  11.5   3.5   4.5   4.0   4.011.0  19.5
 16   5.0   3.0   2.5   3.0   3.5   5.0   2.5   4.5   4.5   8.0  10.0  10.0  10.0  10.5  10.0   8.5  16.5  14.5   9.0   8.0   3.5   4.0   3.5   5.5 7.0  16.5
 17   9.5   6.5   3.5   4.0   6.5   5.5   5.5   5.0   5.5   4.5   4.0   6.0  11.5   8.5   8.0   9.0   7.5   7.0   7.0   5.0   4.0   5.5   6.0   6.0 6.5  11.5
 18   7.5   4.0   3.5   5.0   4.5   3.5   5.0   5.0   5.0   4.5   4.5   5.5   9.0  11.0   9.5   9.0  10.0   6.5   9.5   7.5   6.0   5.0   7.5   5.0 6.5  11.0
 19   5.0   5.5   2.5   1.5   3.0   4.0   3.0   3.5   3.0   5.0   7.5   5.5   5.5   6.0   6.0   6.5   5.0   5.0   2.5  12.0   6.5   6.0   6.0   5.5 5.0  12.0
 20   2.5   3.5   4.5   3.5   3.5   4.0   3.0   3.5   3.0   4.0   6.5   9.0   7.5   9.5   7.0   7.0   5.0   7.0   8.5   4.0   3.0   3.0   4.0   5.0 5.0   9.5
 21   4.0  11.0   6.0   2.5   2.5   2.0   2.0   2.5   4.0   8.5  10.5  16.0  13.5  14.0  13.5  14.5  11.5  10.5   9.0   5.0   3.5   5.5   6.0   5.5 7.5  16.0
 22   5.0   3.5   2.0   2.0   6.5   5.0   8.5   5.0  11.5  17.0  18.5  21.0  20.5  18.5   9.0   5.0   9.5  10.5  16.5   7.0   2.5  17.0  11.0  10.510.0  21.0
 23   5.5   9.0  10.5   8.0   7.0   7.5  11.0  14.0  14.5  14.0  16.0  17.0  17.0  16.0  15.0  15.0  11.5   9.5  14.5   9.5   7.5   7.5   4.5   3.011.0  17.0
 24   4.0   4.5   4.0   6.0   3.5   3.0   2.5   3.0   3.5   4.5   5.0   5.5   5.0   6.5   8.0   5.5   5.5   4.0   4.5   5.5   4.5   4.5   4.5   3.0 4.5   8.0
 25   3.5   3.5   4.5   2.0   2.5   2.5   3.0   2.5   8.0   7.5  11.0   8.5  12.0  22.5  24.0  24.0  23.5  17.0   7.5   5.0   6.5   4.5   3.0   4.0 9.0  24.0
 26  12.0  10.5   8.0   6.5   7.0   8.5  11.0   8.5   7.0   5.5   8.5   9.0   9.0  10.5  12.5   8.5   7.0  13.0   8.5   5.0   4.5   3.5   3.5   3.0 8.0  13.0
 27   4.5   4.5   7.0   5.5   6.5   4.0   4.0   4.5   3.5   4.0   5.5   6.0   6.0   5.5   5.5   5.0   6.5  10.5  10.5   9.5   4.0   3.5   3.0   2.0 5.5  10.5
 28   2.0   2.5   3.5   3.5   4.0   5.0   3.0   3.5   3.5   4.0   5.0   6.5   9.5   8.0   7.0   6.0   6.5   6.5   9.0   8.0   4.0   4.5   5.0   5.5 5.0   9.5
 29   3.5   6.5   3.5   3.0   3.0   3.5   4.0   4.5   7.5   7.5   7.5   6.0   6.5   8.0   7.5  10.0  17.5  14.0  17.0  11.5   6.0   9.0  12.0  11.0 8.0  17.5
 30  11.0   9.0  10.5  11.0   9.0   8.0  10.0  12.0  12.0  13.5  13.0  12.5  12.5  11.5  11.5  11.0  11.5  12.5  10.5  10.5   7.5   7.0   5.5   4.010.5  13.5
 31  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ][  ]  [  ]

 AV   5.0   5.0   4.5   4.5   4.5   4.5   4.5   5.0   6.5   8.0   9.5  10.5  11.0  11.5  11.5  11.0  11.5  10.5  10.0   7.5   5.5   5.5   5.5   5.5 7.5  [  ]
 SD   2.4   2.3   2.2   2.2   2.2   1.8   2.9   3.2   4.2   4.7   4.7   5.5   5.1   5.0   5.0   5.5   5.2   4.5   3.8   2.7   2.1   2.9   2.4   2.7 2.1  [  ]

 OUTPT  [VERSION N   26 APR 76]
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WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	25	55	165	40	30	60	25	290	345	200	150	195	235	0	10	300	320	290	335	315	330	30	[VA]	135	2	
2	35	85	65	340	190	25	40	220	110	200	220	195	220	55	225	285	10	320	60	40	10	45	5	355	3	
3	355	320	335	350	0	120	25	80	180	180	180	205	195	220	240	205	245	225	185	10	285	180	205	255	10	
4	85	10	305	250	115	275	235	150	195	175	180	180	185	190	190	190	190	180	165	180	190	195	220	205	[VA]	
5	195	195	195	195	195	340	55	80	50	55	40	50	60	60	55	60	60	55	55	55	60	50	50	55	3	
6	55	55	50	45	60	55	55	35	160	70	205	320	315	285	300	340	300	325	0	15	320	275	60	330	3	
7	130	285	300	350	240	200	245	225	330	325	290	320	315	310	330	295	325	335	305	350	325	115	345	30	15	
8	0	155	105	285	55	75	315	355	175	245	275	295	335	215	350	15	350	240	15	350	255	200	225	220	1	
9	230	190	195	160	150	200	290	215	235	215	[VA]	280	320	290	295	300	285	265	210	210	205	310	340	30	10	
10	245	320	45	260	180	305	260	255	340	265	350	350	5	0	5	300	270	5	45	10	285	10	0	0	1	
11	35	265	60	50	50	55	5	35	165	190	225	290	310	335	335	335	15	30	350	[VA]	350	215	0	20	1	
12	45	55	5	145	55	60	225	145	120	225	195	310	325	330	215	310	335	10	220	20	305	50	55	0	3	
13	335	25	340	335	0	50	340	60	130	175	200	275	330	335	330	310	305	350	340	250	40	65	35	45	16	
14	220	45	220	310	75	30	340	60	30	200	200	230	285	285	290	255	210	150	60	45	40	80	40	30	3	
15	40	40	240	25	200	35	320	45	225	210	235	220	280	215	240	300	230	300	285	270	260	235	250	240	12	
16	45	[VA]	150	35	85	40	5	200	205	225	235	240	320	350	315	270	305	270	335	30	215	215	220	220	11	
17	240	260	250	260	265	275	305	270	270	275	275	265	275	270	280	280	270	280	250	310	105	230	240	225	12	
18	10	255	10	215	270	40	35	15	275	275	255	255	265	270	275	275	265	265	275	330	300	35	35	40	13	
19	40	40	30	260	350	5	320	20	190	200	310	320	330	20	355	355	315	270	260	240	250	255	260	250	13	
20	305	330	280	255	160	255	295	355	320	325	330	15	20	25	35	35	35	30	40	40	30	40	50	70	[VA]	
21	320	330	355	40	35	60	45	40	85	140	170	150	215	30	175	185	345	10	20	40	80	35	40	355	3	
22	55	40	45	65	60	50	60	60	120	185	185	225	345	350	350	345	5	355	15	345	195	260	350	45	3	
23	85	45	55	45	40	40	70	150	130	160	200	260	300	210	215	210	245	15	15	0	15	330	295	10	3	
24	275	75	40	65	50	0	285	15	10	300	260	260	290	170	155	300	270	15	340	345	315	315	40	50	14	
25	40	35	50	45	50	65	50	90	150	215	295	255	345	355	15	270	225	15	235	265	235	280	20	10	3	
26	295	5	225	45	15	210	55	345	165	200	210	15	350	255	255	330	350	300	0	35	285	180	90	10	1	
27	275	310	90	10	5	40	35	170	160	165	190	270	295	310	350	240	190	270	230	30	30	255	40	325	13	
28	210	260	325	40	350	305	330	240	150	240	230	185	[VA]	210	230	220	230	225	200	175	240	235	225	255	11	
29	290	15	30	325	305	235	245	255	250	255	225	205	205	205	205	210	210	210	195	205	230	255	240	275	10	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	3	3	3	3	3	3	3	3	8	10	10	13	15	1	1	14	15	2	2	1	[VA]	11	3	1	3	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	255	255	200	205	205	200	215	225	175	190	195	195	210	210	210	215	210	200	220	305	275	255	190	260	[VA]
2	190	65	70	60	60	60	65	70	55	40	35	25	340	330	330	305	255	300	350	265	210	20	40	20	3
3	40	40	55	45	80	345	70	70	260	135	180	205	255	320	275	325	285	270	75	170	190	160	355	300	3
4	255	225	195	150	105	105	210	30	330	270	35	50	55	80	115	30	105	90	60	60	160	325	305	350	3
5	315	265	320	20	355	20	55	40	70	190	170	165	190	300	270	320	5	30	35	50	345	45	245	340	3
6	235	10	70	55	55	75	60	65	115	145	190	210	320	305	315	315	300	250	35	45	45	30	355	355	3
7	55	80	40	50	90	115	85	70	185	160	195	230	355	345	240	15	10	10	30	40	45	165	220	45	3
8	15	50	50	40	65	135	150	75	160	175	195	235	190	235	0	5	300	315	25	320	10	285	35	5	3
9	50	60	45	60	130	145	195	90	185	195	195	215	200	10	330	5	345	240	15	10	50	30	25	160	3
10	55	55	60	35	65	30	0	135	140	170	195	225	320	320	0	335	0	230	50	30	60	255	50	10	3
11	230	40	20	325	95	160	60	275	20	160	195	240	210	270	270	255	270	275	275	255	230	200	195	30	13
12	60	75	80	70	75	80	75	90	80	85	75	70	45	15	325	15	0	345	350	45	10	35	55	15	4
13	50	45	80	10	205	55	50	75	160	180	280	345	5	15	350	340	340	345	335	45	30	75	265	270	3
14	20	210	355	315	350	15	65	50	55	185	235	355	30	285	285	235	250	245	255	265	285	275	320	15	2
15	345	140	45	125	55	350	225	120	255	260	230	250	280	240	240	215	165	165	60	150	65	35	35	95	12
16	25	35	25	35	35	5	55	55	155	190	235	335	355	15	355	40	350	10	30	345	45	15	0	20	2
17	5	25	30	40	75	90	55	215	205	180	210	195	225	210	300	15	30	30	20	0	40	20	5	40	2
18	35	15	265	350	20	55	45	130	200	150	215	215	225	215	210	180	195	185	185	185	195	205	210	210	10
19	200	200	210	215	260	270	275	270	270	270	265	265	270	265	260	260	260	255	260	260	265	290	290	275	13
20	280	280	280	270	265	270	265	270	275	260	255	275	240	235	230	240	245	220	225	225	20	30	35	320	13
21	240	240	280	35	30	50	175	240	250	255	260	265	275	270	270	270	270	270	270	305	5	325	345	35	[VA]
22	35	30	40	35	45	50	45	100	135	185	270	345	300	305	235	210	190	185	190	255	345	15	285	225	3
23	270	265	255	250	245	220	200	225	240	265	280	320	270	240	240	270	225	280	285	355	0	285	285	280	[VA]
24	355	340	345	45	40	80	65	55	135	145	240	285	285	230	225	220	225	225	200	195	200	210	210	205	11
25	200	205	205	200	205	235	305	270	265	260	330	260	160	90	50	70	65	195	320	105	320	265	60	40	10
26	30	190	20	40	35	45	40	100	100	220	230	225	240	210	190	240	245	180	180	170	150	180	260	330	9
27	120	160	5	60	340	315	180	185	165	160	230	290	255	225	225	230	255	285	285	255	200	75	330	275	11
28	315	290	255	260	80	205	40	225	195	230	210	255	225	285	265	290	290	305	10	15	10	20	35	30	[VA]
29	345	340	30	270	290	125	190	165	195	180	10	5	10	30	30	25	345	345	40	10	345	0	5	295	1
30	65	290	275	275	60	35	30	95	170	230	250	270	250	285	225	240	210	205	50	45	50	60	50	55	3
31	45	35	260	35	60	45	70	125	180	165	255	285	285	260	270	300	300	210	195	225	150	135	35	325	14
PV	[VA]	3	3	3	4	3	[VA]	4	9	9	11	11	[VA]	[VA]	13	11	12	12	[VA]	3	[VA]	2	3	2	3

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	15	285	30	75	55	45	175	220	210	220	190	195	200	190	195	205	205	210	205	205	210	0	15	275	10	
2	220	15	280	345	240	235	5	230	230	210	210	170	320	350	315	295	315	300	335	10	45	35	45	40	11	
3	45	50	65	50	60	50	75	115	115	205	240	265	245	300	310	280	315	345	5	10	30	30	35	30	3	
4	325	25	50	340	35	75	60	130	145	165	245	340	295	340	50	210	205	165	60	50	100	60	120	90	4	
5	75	35	140	30	175	55	255	255	275	275	115	55	35	110	110	165	205	330	245	190	215	190	175	165	9	
6	165	135	155	185	195	215	210	205	215	225	225	235	240	235	225	230	240	255	235	235	230	210	200	30	11	
7	310	245	260	340	280	10	10	250	230	230	275	275	10	60	85	70	65	65	65	65	65	50	50	30	4	
8	80	15	0	20	40	35	50	125	145	175	235	215	295	25	80	70	140	165	190	70	60	85	80	55	3	
9	100	155	170	235	335	305	245	220	270	290	250	230	235	245	255	255	270	285	280	285	285	320	315	65	12	
10	55	45	30	55	40	35	110	170	210	265	240	285	300	230	225	15	10	30	35	45	0	340	295	30	2	
11	40	50	30	55	45	55	90	130	170	185	240	345	230	185	190	190	195	185	190	175	45	30	70	40	3	
12	45	55	35	40	35	50	45	155	300	180	180	175	190	210	155	130	125	135	140	200	200	65	230	200	10	
13	85	165	175	185	195	190	180	195	195	200	200	195	220	215	205	205	300	205	215	150	40	10	15	295	10	
14	275	15	330	70	50	40	100	145	145	150	195	175	190	265	250	90	340	340	245	130	140	35	255	185	7	
15	200	205	80	100	145	175	180	205	190	200	190	180	200	210	195	210	215	220	290	340	325	55	75	50	10	
16	65	70	25	345	80	65	145	100	140	210	275	260	240	235	230	260	215	200	210	220	170	45	320	80	11	
17	15	345	275	245	265	280	275	280	255	245	155	135	50	75	75	45	90	115	115	115	120	290	300	215	13	
18	5	140	65	75	80	75	75	100	115	205	205	195	185	150	145	170	170	190	280	235	145	125	95	80	9	
19	355	50	150	55	305	310	265	220	210	175	220	200	170	225	330	225	185	175	170	30	355	315	275	275	9	
20	5	60	40	45	355	270	70	135	155	220	180	230	220	265	200	280	270	260	255	210	320	260	205	230	11	
21	250	250	335	355	330	230	0	100	185	240	255	255	250	265	280	275	250	275	285	295	15	35	45	60	13	
22	45	40	325	295	270	245	240	225	205	210	225	220	220	285	310	135	230	230	215	190	180	280	275	270	11	
23	255	260	275	280	280	275	255	255	265	265	275	285	275	270	280	275	295	315	20	15	20	25	30	350	13	
24	350	355	40	35	40	40	130	140	245	260	235	240	235	240	250	320	245	245	50	50	95	125	75	10	12	
25	350	70	15	320	285	65	40	285	210	285	295	290	220	180	180	240	275	280	220	175	140	95	35	275	[VA]	
26	275	280	240	180	215	190	205	195	205	175	175	215	240	205	250	245	245	300	340	55	30	290	30	20	10	
27	270	150	350	285	285	270	170	210	220	190	190	220	205	245	330	255	45	355	345	345	295	5	40	255	16	
28	335	60	25	55	50	45	140	130	150	255	325	270	270	330	255	355	285	355	15	60	50	45	45	50	3	
29	40	35	65	80	45	0	95	130	80	70	65	345	315	305	285	280	355	15	35	55	65	55	65	65	4	
30	65	70	65	65	60	55	65	55	65	55	35	35	30	50	40	20	35	40	50	50	65	55	50	55	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	3	3	2	3	3	3	4	11	10	10	12	11	11	11	12	12	12	9	11	3	3	2	3	3	3	

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        WIND SPEED @ 10M
        (MILES/HOUR)
                                                         WHITE RIVER SHALE PROJECT,UTAH      ********************
                                                                                             *                  *
                                                         SITE A  4                           *  PRELIMINARY DATA *
                                                                                             *  AS OF 01/JUL/76  *
                                                         FEBRUARY,1976                       ********************
                                                                                             *                  *
                                                         AEROVIRONMENT INC.                  *    SUBJECT TO    *
                                                                                             *     REVISION     *
                                                                                             *                  *
                                                                                             ********************

                                       CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                P
 A                                                                                                                E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                                K

 1  6.0  6.0, 2.5  2.5  2.5  1.5  3.5  3.5  3.0  3.0  3.0  3.5  5.5  5.0  5.5  3.0  3.0  3.5  4.5  2.0  4.5  2.5  4.5  3.0 3.5  6.0
 2  4.0  4.0  2.5  3.0  2.5  2.5  2.5  3.0  2.5  3.0  4.5  3.0  4.0  3.5  2.5  4.0  5.0  4.5  2.5  2.5  2.5  3.5  4.0  4.5 3.5  5.0
 3  4.0  4.5  3.0  3.5  2.0  3.0  2.5  3.5  2.5  2.5  3.0  3.0  3.5  4.0  3.0  2.5  2.0  6.5  5.5  7.5  5.0  5.0  9.0 10.0 4.0 10.0
 4  4.5  9.0 10.5 12.5 14.0 13.0 11.0 10.5  8.5 11.0 13.5 16.0 17.0 12.0  9.5 12.0  9.0  8.5  8.0  9.0 10.5  9.0 10.0 10.011.0 17.0
 5 11.5 13.0 14.5 11.5  6.0  4.0  3.5  3.5  4.5  6.0  8.0  6.0  6.5  7.0  7.5  7.0  7.5  6.0  6.0  5.5  6.0  4.5  4.0  5.0 7.0 14.5
 6  4.0  3.0  4.5  5.0  3.0  3.0  4.0  4.5  4.5  2.5  3.0  6.0  5.5  7.0  5.5  5.0  6.0  5.0  4.0  2.0  4.5  3.5  3.0  5.5 4.5  7.0
 7  4.5  3.5  4.0  3.5  2.5  2.0  2.5  3.5  3.5  3.5  3.0  6.0  6.5  5.5  6.5  6.0  5.5  3.5  3.5  3.5  5.0  5.0  3.5  4.5 4.0  6.5
 8  3.0  2.5  3.0  2.5  3.0  2.5  3.0  1.5  2.5  3.5  4.0  3.5  6.0  3.5  3.0  3.0  4.0  3.5  4.0  5.5  3.0  2.5  1.0  1.0 3.0  6.0
 9  3.5  3.5  3.0  2.5  3.5  4.0  2.5  2.5  3.0  4.5  4.5  5.5  9.5  8.0  9.5 11.5 12.5 15.0 12.0 11.0  9.5 10.0  4.0  7.0 7.0 15.0
10  9.5  8.0  7.0  9.5  9.0  8.0  8.5  8.5  7.0  9.5 12.0  6.5  4.0  7.0  8.0  7.5  5.5  2.5  4.0  4.0  4.5  9.0  6.0  4.0 7.0 12.0
11  6.5  4.0  5.0  4.5  5.0  2.5  2.0  3.0  2.5  4.0  5.0  6.0  6.0  5.5  6.0  6.0  5.5  4.5  4.0  3.0  2.0  3.0  4.0  3.0 4.5  6.5
12  2.0  1.5  3.5  4.0  2.0  3.5  3.0  4.0  3.0  4.0  4.0  6.5  6.5  4.5  4.0  4.0  5.5  5.0  5.5  5.0  6.0  4.0  3.0  5.0 4.0  6.5
13  4.0  3.5  4.0  4.0  2.5  3.0  4.0  4.0  2.5  3.0  3.5  6.5  7.5  7.0  7.0  6.5  6.0  5.0  3.0  4.5  3.0  3.0  3.0  2.5 4.5  7.5
14  2.0  3.5  2.5  4.5  5.0  5.0  5.5  2.5  7.5  6.5  6.0  5.0  5.0  6.0 10.5 18.5 17.5  9.5 12.5 10.0  9.5  4.5  5.5  2.5 7.0 18.5
15  3.5  6.5  3.5  5.0  4.0  3.0  3.5  3.0  3.5  3.5  5.0  3.5  5.0  3.5  5.5  8.0  6.0  5.0 11.5  4.0  6.0  9.5  9.0  6.5 5.5 11.5
16  8.0  6.5  5.5  6.5  8.0  6.5  7.5  7.5  7.0  6.5 13.5 10.5 11.5 11.5 10.5  9.5  7.5  5.0  7.0  7.5 11.0  8.5  8.5 11.5 8.5 13.5
17  9.0 21.5 18.5 23.5 22.5 17.0 15.5 11.0  7.0 13.5 13.5 15.0 14.0 15.5 14.0 11.0  6.5  5.5  3.5  7.0  9.5 10.0 10.0  9.012.5 23.5
18  8.5 10.5 11.0 10.5 10.5 14.5 15.0 13.5 13.0 18.5 18.0 22.5 19.5 20.0 18.5 17.0 16.5 14.0  9.0  5.5  4.5  6.0  9.5 11.013.5 22.5
19  9.0  6.5  3.0  4.5  2.0  3.5  3.5  3.5  4.0  3.5 10.0 10.5  6.5  5.0  6.0  5.0 12.5 12.0 15.0 14.0 10.5 14.5 12.5  9.0 8.0 15.0
20 13.5  9.5  7.0  6.5  4.5  8.5  9.5  7.0  5.0  7.5  7.0 11.5 11.0 12.5 15.5 14.5 12.5  8.5  4.5  4.0  4.5  4.0  6.0  7.0 8.5 15.5
21  3.0  2.5  3.0  3.0  2.5  2.5  3.0  5.5  4.5  4.5  3.5  4.0  5.0  5.0  5.0  5.0  4.5  3.0  3.0  2.0  4.5  4.5  3.0  1.5 3.5  5.5
22  1.5  3.5  8.5  2.0  3.5  1.5  1.5  2.5  2.5  3.0  3.5  4.0  5.0  3.5  4.0  4.5  3.0  4.0  4.0  3.5  2.0  1.0  1.0  1.5 3.0  8.5
23  3.0  2.0  2.5  3.5  3.0  3.0  4.0  3.0  2.5  3.5  4.5  4.5  4.0  4.0  4.0  3.5  3.5  3.0  3.0  3.5  3.0  4.5  3.0  3.0 3.5  4.5
24  4.5  2.0  4.0  5.5  4.0  9.5  6.0  3.5  5.5  9.0  3.5  5.0  4.0  3.0  4.5  6.0  5.5  4.0  1.0  4.0  3.5  3.0  3.5  5.0 4.5  9.5
25  3.5  7.5  3.0  7.0  6.0  3.0  2.0  2.5  3.5  2.5  5.5  3.5  4.0  4.5  4.5  3.0  3.0  6.5 11.0 10.5 12.0  9.0  8.0  6.5 5.5 12.0
26  3.5  4.5  1.0  3.5  4.5  2.5  5.0  2.0  3.5  3.5  5.0  4.0  4.5  3.5  4.0  4.5  5.5  4.5  7.0  4.0  4.5  5.0  3.5  4.5 4.0  7.0
27  4.0  1.5  1.0  1.0  2.0  1.5  3.0  4.5  4.0  4.0  5.5  5.0  7.0  5.0  5.0  2.5  3.5  3.0  2.5  6.5  8.0  5.5  6.0  5.0 4.0  8.0
28  4.5  3.5  2.5  2.5  3.5  2.0  4.5  3.5  3.5  4.0  6.5  2.5  3.5  7.0 11.0 14.0 12.0 11.5  9.0 12.0 11.0 13.0 13.5 10.0 7.0 14.0
29  8.0 11.0  4.5  9.0  9.0 11.5 12.5 11.5 10.5 11.5 11.0 10.0 13.0 14.0 13.5 11.0 10.0  8.0  8.5  9.5 10.0  9.5  9.5  9.010.0 14.0
30 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

AV  5.5  6.0  5.0  5.5  5.0  5.0  5.5  5.0  4.5  5.5  6.5  7.0  7.5  7.0  7.5  7.5  7.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0 6.0 [  ]
SD  3.0  4.2  4.0  4.4  4.3  4.2  3.8  3.1  2.6  3.8  4.0  4.5  4.1  4.1  4.0  4.4  4.0  3.3  3.5  3.2  3.1  3.3  3.3  3.0 2.8 [  ]

OUTPT  [VERSION N   26 APR 76]
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WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	10.0	13.5	12.0	11.0	8.5	8.5	7.0	11.5	13.5	15.5	13.5	15.5	17.5	18.5	19.0	19.0	15.5	17.0	18.0	8.0	6.5	7.0	4.0	12.5	19.0
2	3.0	7.5	7.5	9.0	9.0	7.5	7.0	8.0	4.5	6.0	5.0	5.5	7.0	6.0	8.0	8.5	6.5	6.0	11.0	4.5	4.5	4.5	5.0	4.0	6.5	11.0
3	3.0	10.0	8.5	6.0	11.0	5.0	5.0	6.5	3.0	3.0	3.0	3.5	4.0	4.5	5.0	5.0	8.0	5.0	4.5	4.0	3.5	3.0	4.0	4.0	5.0	11.0
4	5.5	4.0	3.0	4.0	4.5	3.5	2.5	2.0	3.0	4.0	5.5	6.5	7.5	8.0	7.0	8.0	7.5	7.5	7.5	8.0	6.0	3.5	4.0	5.0	5.5	8.0
5	6.5	6.5	5.5	4.0	4.0	4.0	4.0	3.5	3.5	3.0	4.5	3.5	4.5	3.5	3.5	4.0	4.0	1.5	2.5	4.0	2.0	3.0	4.5	1.5	4.0	6.5
6	2.0	3.0	2.5	3.0	3.0	2.5	3.5	3.0	2.5	3.0	3.5	4.5	6.5	5.5	5.0	5.0	5.0	3.0	2.0	3.0	3.0	3.5	4.0	2.5	3.5	6.5
7	2.5	2.0	3.0	3.0	2.5	2.0	3.0	2.5	3.0	3.0	4.0	4.5	6.0	5.0	4.0	5.0	3.5	3.0	3.0	3.0	3.0	3.5	3.0	3.0	3.5	6.0
8	6.0	5.5	7.0	6.0	4.5	3.5	2.0	2.0	3.5	3.5	4.0	5.5	4.5	4.0	3.5	5.0	3.5	3.5	3.5	4.5	3.0	2.0	2.5	2.0	4.0	7.0
9	2.0	4.0	4.5	3.5	2.5	3.5	2.5	2.0	2.5	3.0	3.0	4.5	4.5	4.0	4.5	5.5	3.5	2.0	3.5	2.5	2.0	3.5	3.0	4.5	3.5	5.5
10	3.0	5.5	5.5	3.5	4.5	2.5	3.0	2.0	2.5	3.5	5.0	5.5	6.0	5.5	4.5	4.5	4.0	3.5	1.5	2.0	3.0	4.5	4.5	7.0	4.0	7.0
11	7.0	5.5	4.5	7.5	12.0	10.0	7.0	4.5	5.0	7.5	9.0	9.0	10.5	8.5	13.5	14.5	16.0	19.0	20.5	16.0	8.0	5.5	3.5	2.5	9.5	20.5
12	9.5	13.0	12.5	14.0	11.5	10.5	16.5	15.0	15.5	15.5	12.5	9.0	6.0	6.0	5.0	5.0	4.0	4.0	4.0	2.5	2.5	3.0	4.0	6.0	8.5	16.5
13	8.5	4.5	7.5	8.0	4.0	3.0	3.5	3.0	3.0	3.5	4.0	5.0	5.5	8.0	8.0	4.0	5.0	5.5	4.0	3.0	2.5	3.0	4.0	4.5	5.0	8.5
14	8.0	4.5	3.0	5.5	3.0	4.0	3.5	3.5	4.5	3.0	4.5	6.0	4.0	6.0	9.0	7.5	18.0	19.5	20.5	21.5	11.0	8.0	4.5	6.0	8.0	21.5
15	9.5	7.0	3.5	4.0	5.5	3.0	4.5	5.0	3.0	7.0	6.0	5.5	8.0	5.0	4.5	5.0	3.5	4.0	4.5	5.5	8.5	8.0	7.0	8.5	5.5	9.5
16	5.0	4.5	3.0	5.5	4.0	4.0	6.0	6.5	4.5	3.5	6.5	5.0	5.0	5.5	6.5	4.0	4.5	2.5	3.0	2.5	5.0	5.0	6.5	5.5	4.5	6.5
17	3.5	2.0	2.5	5.0	8.5	2.0	2.5	2.5	2.5	4.5	3.5	3.5	4.0	6.5	6.0	5.0	3.5	3.5	2.0	2.5	6.0	5.0	4.0	6.5	4.0	8.5
18	7.5	4.0	2.5	4.0	4.0	3.0	2.5	4.0	2.5	3.5	4.5	4.5	5.0	7.5	11.5	13.0	10.0	7.0	10.5	15.5	11.5	10.0	9.5	10.0	7.0	15.5
19	9.5	9.5	8.5	11.0	15.5	19.5	22.0	21.0	21.5	22.0	21.0	24.5	24.0	22.5	20.0	21.0	21.5	21.5	20.5	19.0	18.5	13.0	12.0	9.0	18.0	24.5
20	6.5	12.5	18.0	18.5	17.0	17.5	17.0	12.5	14.5	13.5	14.0	13.0	10.5	10.0	10.5	9.5	11.5	13.0	8.5	9.5	9.0	8.0	6.5	3.5	12.0	18.5
21	7.0	14.5	8.0	7.5	13.5	13.5	17.0	18.0	18.5	21.5	19.0	19.0	20.0	21.5	19.5	17.0	17.0	17.0	13.5	10.5	4.0	2.5	7.0	9.0	14.0	21.5
22	10.5	8.5	8.5	11.0	9.0	9.5	7.0	4.0	4.5	4.0	5.5	5.0	6.0	7.0	4.5	8.5	10.0	8.0	7.5	8.0	6.5	7.0	6.0	10.5	7.5	11.0
23	11.5	11.5	11.0	9.5	6.5	8.0	10.0	6.5	11.5	16.0	13.0	15.0	21.0	21.5	21.5	20.0	16.0	16.5	13.5	7.0	6.5	7.5	7.5	5.5	12.5	21.5
24	3.5	7.5	6.0	5.5	5.0	5.0	6.5	7.5	6.5	5.0	7.5	7.5	8.5	17.0	15.0	17.0	16.0	10.5	10.0	9.5	12.0	14.0	14.0	12.5	9.5	17.0
25	13.0	8.5	9.5	10.0	9.0	9.5	14.0	18.5	17.0	17.0	10.5	8.5	6.0	8.5	12.5	14.0	14.0	9.0	6.5	5.5	4.5	9.0	4.5	4.5	10.0	18.5
26	5.5	7.0	6.5	6.5	3.5	3.5	7.0	7.0	5.0	6.5	7.5	9.5	9.0	8.0	7.0	6.0	5.5	9.5	7.0	7.5	8.0	9.5	8.0	8.0	7.0	9.5
27	10.5	7.5	6.0	6.0	5.5	4.0	4.5	5.0	5.0	8.5	11.5	13.0	13.5	13.5	15.0	18.0	17.5	15.5	17.0	10.0	7.5	7.0	6.5	10.0	10.0	18.0
28	6.0	7.0	9.5	7.5	4.0	5.5	5.5	6.0	3.5	6.5	6.0	10.0	12.5	11.5	10.0	9.5	10.0	9.5	7.5	4.0	3.5	3.5	4.5	3.0	7.0	12.5
29	3.0	3.5	4.5	4.0	5.5	3.5	3.0	2.0	3.0	6.5	6.5	7.0	9.0	9.5	9.5	8.0	8.5	10.0	5.0	4.0	6.0	6.0	5.0	5.5	6.0	10.0
30	6.5	7.5	7.0	5.0	5.0	4.5	6.0	5.0	4.0	6.0	7.0	6.5	10.0	7.0	6.0	5.5	5.0	3.5	3.5	3.5	5.0	6.0	7.5	8.0	6.0	10.0
31	8.5	4.0	3.0	2.5	4.5	11.5	8.5	4.0	5.5	5.5	7.0	7.5	8.5	7.5	5.5	6.0	7.5	9.0	10.0	10.0	9.0	10.0	8.0	6.5	7.0	11.5
AV	6.5	7.0	6.5	7.0	7.0	6.5	7.0	6.5	6.5	7.5	7.5	8.0	9.0	9.0	9.0	9.5	9.5	8.5	8.0	7.5	6.0	6.0	6.0	6.0	7.5	[ ]
SD	2.9	3.2	3.6	3.6	3.9	4.4	5.1	5.1	5.3	5.6	4.6	4.8	5.1	5.3	5.2	5.4	5.6	5.7	5.8	5.3	3.6	3.0	2.6	2.7	3.5	[ ]

OUTPT [VERSION N 26 APR 76]

```
        WIND SPEED @ 10M
        (MILES/HOUR)
                                                     WHITE RIVER SHALE PROJECT,UTAH        **********************
                                                                                           *                    *
                                                     SITE A  4                             *  PRELIMINARY DATA  *
                                                                                           *  AS OF 01/JUL/76   *
                                                     APRIL,1976                            *                    *
                                                                                           **********************
                                                     AEROVIRONMENT INC.                    *                    *
                                                                                           *    SUBJECT TO      *
                                                                                           *     REVISION       *
                                                                                           *                    *
                                                                                           **********************

                                        CLOCK HOUR  (LOCAL STANDARD TIME)
  D                                                                                                                  P
  A                                                                                                                  E
  T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
  E                                                                                                                  K

  1  5.0  3.5  6.0  5.5  4.5  4.0  5.0  4.0  6.5 13.5 14.5 16.0 16.0 14.5 14.5 17.0 20.5 18.5 10.0  8.5  9.5 10.0  9.0  7.510.0 20.5
  2  6.5  5.0  5.0  3.5  3.5  3.5  1.5  2.0  5.0  5.0  6.0  5.5  6.5 10.0 10.0  8.5  6.0  5.5  4.0  3.0  5.0  4.5  4.5  6.5 5.5 10.0
  3  5.0  2.5  2.0  4.5  2.5  9.0  3.5  3.0  4.0  5.5  5.0  5.0  7.0  8.5  9.0 10.5  7.5  5.5  5.5  3.5  6.5 11.0 11.0  9.0 6.0 11.0
  4  6.5  2.5  3.0  3.0  4.0  3.5  4.0  6.5  5.5  4.0  6.5  6.5  8.0  7.5  6.0 10.0 10.0  4.5  4.0  6.5  6.5  7.5  8.5  8.0 6.0 10.0
  5  7.0  8.0  5.0  3.0  2.0  3.0  2.0  4.5  6.0  9.5  5.0  5.5  8.0 15.0 15.5 17.0 10.5  8.5 12.5  6.0  8.0  5.5  4.5  8.5 7.5 17.0
  6  8.5  6.5  6.0 10.0  9.0  8.5  8.5  7.0 10.0 13.5 13.5 17.0 17.0 17.5 17.5 16.5 19.0 16.5 11.5 13.0  8.0  6.5  9.5  8.011.5 19.0
  7  9.5  9.0  6.5  7.0  5.5  6.5  7.5 12.0 10.0  9.0  7.5  5.5  4.0  7.5 11.0 11.5 12.0 12.5 12.0  8.5  9.0  7.5  5.5  4.0 8.5 12.5
  8  4.5  2.5  2.5  3.0  5.5  3.0  2.5  6.5  4.5  4.0  7.0  7.0  5.0  8.5 10.0  7.0  8.5  7.0  6.5  5.0  6.5  6.0  5.5  8.0 5.5 19.0
  9  8.0 11.5  8.5  7.5  5.5  3.5  5.0  5.5 11.5 19.0 18.5 17.5 18.0 14.5 13.5 16.0 15.5 14.5 14.0 12.0  3.0  3.5  4.0  5.010.5 19.0
 10  9.5 10.0  8.0  8.0 11.0 10.0  4.5  2.5  5.5  5.5  6.0  5.5  6.5  7.0  6.0  6.5  7.0  7.5  3.5  6.5  4.5  6.5  6.5 10.0 7.0 11.0
 11  9.0  5.0  2.0  3.0  3.0  3.5  3.0  3.5  4.5  5.0  5.5  6.0  5.5 10.0  9.5 12.0 11.0  8.5  8.0  7.0  7.0  7.5  6.0  5.5 6.5 12.0
 12  7.5  9.0 11.0  9.5  8.0  7.0  7.0  6.5  9.0 12.5 11.5 12.5 15.0 11.0 10.5 16.5 17.5 10.5 10.5 10.5 11.5 11.5 10.0 10.010.5 17.5
 13  7.0  6.5  6.5  5.0  9.5 10.0  9.0  7.5 12.5 16.0 14.5 12.5  9.0 13.5 14.0 11.5 11.5 10.0 11.0  7.0  4.5  4.5  3.5  3.0 9.0 16.0
 14  6.0  6.0  3.5  5.0  5.5  6.0  4.0  5.5  5.5  6.0  7.5 10.0  9.0 12.5 11.0  7.0  9.0  5.5 11.0 10.5  8.5  6.5  5.5  6.5 7.0 12.5
 15  5.0  5.5  6.0  9.5 10.0 10.5  8.5 10.0 11.5 12.0 13.5 13.0 13.5 12.0 11.0 13.5 13.0 12.5 10.0  8.0  6.0  4.0  4.0  4.5 9.5 13.5
 16  3.0  3.0  5.0  3.5  3.5  2.5  3.5  4.0  7.0  8.0  8.5 14.0 12.0 11.5 13.5  7.5 14.5 12.0  8.0  9.0  6.5  3.0  2.5  4.5 7.0 14.5
 17  5.0  5.0  6.5  5.5  5.5  4.5  6.0  6.0  5.0  5.5  4.0  5.0  9.0 10.5  9.0  7.5  8.0  8.5  6.5  5.5  5.0  7.0  7.0  8.0 6.5 10.5
 18  7.5  9.0  8.0  8.5  6.5  3.5  7.5  8.5  8.0  5.5  3.0  5.0  8.5  7.5 10.5  8.0 11.0 10.0  8.0  9.5  9.0  9.5  9.5  9.0 8.0 11.0
 19  5.0  1.5  3.0  6.0  4.0  1.5  1.5  3.5  4.0  4.5  8.0  4.5  4.5  5.0  5.5  6.0  4.0  3.0  2.5  3.5  5.5  7.5 10.0  6.5 4.5 10.0
 20  2.5  3.5  4.0  5.5  6.5  5.0  5.5  5.0  4.0  6.5  6.0  9.5  9.0  9.0  9.0  8.5  5.0 10.0 10.0  6.5  8.5 10.5 12.0 11.5 7.0 12.0
 21 11.0 12.0 10.5  5.5  5.5  5.5  7.5  6.5  8.5  9.5 13.0 17.0 17.0 22.5 18.0 15.5 14.5 10.0  8.5  6.0  4.0  9.5 11.5  8.510.5 22.5
 22 10.5 11.0 10.0 12.0 12.0 12.5 14.0  9.0 10.0 10.5 17.0 19.0 17.0 19.0 13.5  4.5 12.0 10.5 12.0  6.0  8.5 17.0 12.0 11.512.0 19.0
 23  4.5 10.0 13.5 11.0 11.0 12.5 11.5 15.5 15.0 15.0 16.5 19.0 20.0 20.0 19.5 18.0 17.5 16.0  8.5  6.0  4.5  4.5  2.5  3.512.5 20.0
 24  4.0  4.0  6.0 10.5  8.5  7.5  7.5  3.5  5.0  5.0  5.5  6.5  6.0  6.5  5.5  8.0  9.5  3.5  3.5  6.0  7.5  8.5 12.0 11.0 6.5 12.0
 25  7.0  4.0  7.5  6.0  4.0  2.0  6.0  9.0 13.0 12.0 12.0  9.0 13.0 17.5 17.5 19.0 23.0 19.0  7.5  4.0  7.5  6.0  5.5  7.010.0 23.0
 26 11.0 10.5  8.0  7.0  9.0 10.5 12.0  8.0  7.5  7.0  7.5  7.5  9.0 12.0 12.0  9.5  9.5 12.5  6.0  3.0  5.5  5.5  3.0  5.5 8.5 12.5
 27  7.5  4.0  7.5  4.5  7.0  3.0  4.0  3.0  3.5  4.0  5.0  7.0  7.5  8.0  6.5  5.5  6.5  7.0  8.5  4.0  4.0  4.0  4.5  2.0 5.5  8.5
 28  5.5  5.5  4.0  5.5  9.0 10.5  4.0  2.5  5.0  5.0  6.5  7.0  8.5  7.5  6.5  7.0  6.0  5.0  5.0  5.0  7.0  7.5  9.0  7.5 6.5 10.5
 29  4.0  3.0  3.0  3.0  4.0  4.5  6.0  4.5  5.0  5.0  6.0  6.5  7.5  8.0  9.5 10.0 10.5 10.0 11.5 11.0  7.5  6.5 12.0 11.0 7.0 12.0
 30  8.5 11.0 11.5 11.5  9.0  9.0  9.5 11.5 12.0 13.5 16.5 17.5 14.5 14.5 12.0 12.0 11.5 12.0 11.0  5.0  3.0  4.5  6.5  7.010.5 17.5
 31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

 AV  6.5  6.5  6.5  6.5  6.5  6.0  6.0  6.0  7.5  8.5  9.0 10.0 10.5 11.5 11.0 11.0 11.5 10.0  8.5  7.0  6.5  7.0  7.0  7.5 8.0 [  ]
 SD  2.3  3.2  2.9  2.7  2.7  3.3  3.1  3.1  3.2  4.2  4.4  4.9  4.5  4.4  3.8  4.2  4.6  4.2  3.1  2.7  2.0  2.9  3.1  2.5 2.2 [  ]

  OUTPT  (VERSION N   26 APR 76)
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WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	335	40	290	355	110	230	275	60	150	20	140	105	205	135	70	95	55	340	85	115	340	270	80	50	6	
2	15	15	210	310	115	80	225	60	190	230	105	65	245	215	190	120	80	65	50	315	265	90	30	60	4	
3	300	270	60	90	120	80	185	105	210	205	195	245	135	200	115	235	190	10	35	30	35	20	350	5	10	
4	55	0	5	10	15	5	10	0	325	340	340	340	345	345	355	350	355	340	330	5	355	10	0	345	[VA]	
5	355	345	345	345	55	295	255	225	85	85	95	140	90	95	130	215	145	125	95	85	85	80	110	95	5	
6	130	145	105	100	155	95	90	75	95	85	180	120	105	110	100	110	90	90	75	100	80	70	235	90	5	
7	80	100	85	115	235	250	30	95	120	120	240	115	115	90	90	90	95	85	55	85	60	70	0	325	5	
8	15	270	245	10	105	260	280	305	260	110	85	100	95	185	225	115	100	105	85	80	145	200	75	100	5	
9	95	85	120	70	260	95	105	260	195	105	165	140	85	70	75	35	15	10	10	5	355	70	75	5	4	
10	25	35	15	15	20	350	5	10	45	55	70	125	150	185	120	100	100	90	350	15	65	55	50	0	2	
11	340	80	295	15	40	110	175	95	160	95	100	95	95	125	95	100	85	85	70	335	140	305	70	35	5	
12	290	330	355	75	325	65	120	70	205	95	105	105	95	100	125	70	85	85	45	335	30	335	305	80	5	
13	25	275	55	60	20	45	95	100	230	135	135	100	95	110	100	85	90	85	5	315	95	75	40	60	4	
14	80	325	310	75	335	355	0	80	305	90	90	100	95	290	55	80	50	325	330	340	45	280	265	240	[VA]	
15	240	15	335	275	50	0	340	210	10	115	105	245	110	185	115	100	95	90	105	55	45	75	60	70	5	
16	55	335	355	315	325	10	30	355	5	20	65	85	60	20	15	15	70	35	355	40	40	20	0	30	2	
17	40	85	70	90	85	90	95	115	140	90	95	100	95	100	95	90	90	80	20	35	10	15	10	35	5	
18	15	15	15	15	20	55	50	55	65	90	85	80	85	100	95	95	95	90	90	105	35	330	315	325	5	
19	320	265	275	90	265	135	90	70	235	135	85	95	100	150	130	125	100	100	85	65	80	80	90	80	5	
20	100	125	110	95	100	85	110	145	140	175	155	185	185	195	220	215	215	215	210	235	195	245	280	300	11	
21	325	345	0	295	25	315	340	315	310	295	255	245	230	210	245	230	215	230	180	115	55	340	340	220	[VA]	
22	340	280	345	210	315	255	245	225	250	120	195	210	130	135	95	135	155	80	75	75	100	50	250	205	12	
23	115	15	0	310	240	15	305	90	230	100	95	90	85	55	230	205	215	110	55	50	275	65	305	90	5	
24	45	205	325	340	110	30	55	325	0	95	140	125	110	25	300	80	90	85	295	95	340	345	240	300	5	
25	275	305	255	325	335	265	260	350	240	195	110	100	100	215	225	240	230	335	340	350	5	345	325	320	16	
26	140	65	295	295	55	105	60	285	90	95	115	70	195	225	115	105	135	50	320	285	25	75	50	5	6	
27	75	70	175	265	120	255	25	80	80	100	95	90	115	85	105	120	265	170	275	310	15	65	310	25	5	
28	20	200	110	105	65	245	295	125	235	55	80	300	215	150	50	55	60	50	25	345	355	10	5	5	3	
29	10	0	55	15	35	10	5	5	355	10	5	0	10	10	10	15	5	345	5	0	355	45	70	0	1	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	2	16	1	5	3	5	1	5	11	6	6	5	6	5	6	6	5	5	3	16	[VA]	4	1	[VA]	5	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A-4

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	30	30	25	25	20	25	5	10	350	350	0	355	10	5	25	35	35	25	30	100	95	105	85	95	2	
2	355	260	245	250	240	240	265	260	200	95	100	155	115	110	115	105	100	100	90	65	45	350	0	340	5	
3	285	320	320	350	335	330	70	85	95	95	285	255	35	60	100	105	100	105	210	240	195	45	110	115	5	
4	100	60	45	345	320	345	350	215	350	210	225	200	230	240	250	250	260	290	290	295	295	270	60	85	12	
5	65	55	35	35	355	20	340	330	285	200	95	175	155	125	140	225	145	100	260	295	300	70	75	350	[VA]	
6	90	335	325	255	335	275	350	255	250	225	110	115	100	100	100	95	95	100	20	290	310	90	80	20	5	
7	55	30	295	0	270	315	85	220	245	225	170	105	100	90	120	95	100	100	80	340	90	70	75	320	5	
8	320	335	295	215	25	320	55	185	240	150	135	90	110	115	90	100	95	85	80	65	60	85	255	80	5	
9	290	255	10	280	30	265	125	235	250	130	125	100	100	135	105	115	70	185	125	130	265	40	110	15	7	
10	40	345	325	305	310	225	85	95	150	155	115	100	85	95	110	100	85	90	145	155	310	45	315	320	5	
11	60	65	285	5	340	315	340	55	295	5	35	20	55	100	85	80	80	90	90	80	65	65	30	280	4	
12	240	255	255	240	250	260	255	250	245	240	235	230	205	210	225	230	195	165	100	70	50	20	330	325	11	
13	325	350	320	320	225	340	295	220	280	100	145	210	125	130	100	185	115	90	65	305	305	325	20	15	15	
14	345	115	250	280	240	230	255	285	355	200	115	105	115	90	120	80	75	70	75	85	105	80	65	45	5	
15	65	60	305	15	65	45	50	50	130	105	100	135	115	110	265	145	15	305	285	300	320	320	0	60	4	
16	15	340	350	330	325	5	295	305	230	100	110	130	135	135	105	90	220	90	125	65	310	335	335	320	16	
17	0	95	325	340	320	285	275	235	60	210	160	160	325	110	135	120	200	205	230	350	325	325	210	345	15	
18	305	265	325	0	315	300	245	260	240	225	165	140	45	205	180	165	180	170	175	160	170	185	215	235	9	
19	215	195	190	225	255	270	275	275	275	275	275	275	275	230	270	270	275	265	260	265	265	275	275	270	13	
20	290	280	275	270	270	270	265	270	265	265	270	260	260	250	250	250	255	250	230	195	225	225	215	95	12	
21	240	250	245	230	240	240	245	250	260	265	275	270	275	280	280	280	275	270	265	265	150	235	135	150	12	
22	135	140	145	140	170	165	155	140	330	350	305	310	310	290	260	195	170	175	180	185	200	180	200	190	9	
23	185	180	175	180	245	225	195	225	215	235	220	230	250	260	255	255	240	270	295	290	290	265	270	245	12	
24	235	240	245	265	145	140	155	140	135	325	290	295	285	250	240	245	240	230	165	170	170	160	170	130	12	
25	185	185	195	180	205	200	295	275	280	275	310	280	130	85	60	50	45	255	180	165	235	235	180	230	9	
26	240	245	240	230	215	200	145	140	175	260	245	235	250	255	260	245	170	160	155	155	155	155	160	165	12	
27	160	190	195	140	210	145	175	145	140	175	195	215	205	200	225	245	255	290	285	265	210	140	185	285	10	
28	255	275	265	260	200	185	185	235	220	260	250	265	270	290	295	300	290	300	330	5	335	0	95	315	13	
29	300	265	145	240	245	225	210	265	310	0	5	340	355	10	25	25	325	355	75	350	310	320	335	280	1	
30	250	255	270	245	130	150	145	120	210	265	250	250	265	305	255	245	55	55	50	85	165	145	145	135	12	
31	130	135	205	100	160	140	140	105	355	350	285	290	280	285	325	290	220	160	165	175	170	155	175	225	8	
PV	[VA]	[VA]	15	12	12	13	13	[VA]	12	13	6	13	6	5	6	[VA]	5	5	5	14	14	15	[VA]	15	13	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A ◆

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	110	100	125	180	205	175	150	230	100	165	190	205	200	200	200	205	220	220	205	190	215	230	235	275	10	
2	260	190	210	215	210	225	145	150	255	295	0	10	340	310	285	305	320	330	325	60	130	185	140	140	15	
3	270	180	335	255	130	135	330	340	295	275	285	310	300	290	280	295	315	330	0	40	115	140	145	135	14	
4	220	0	180	180	300	135	120	115	85	10	310	300	290	325	25	250	205	225	135	125	170	125	130	125	7	
5	125	150	240	255	325	165	175	130	260	275	25	45	130	90	90	175	200	125	200	150	165	195	195	165	8	
6	165	170	170	165	165	210	215	205	225	235	230	250	245	240	245	240	255	245	250	250	235	205	225	230	11	
7	235	240	220	235	225	210	230	250	260	270	295	270	255	55	50	50	60	55	65	90	115	125	150	140	11	
8	265	255	225	235	160	115	200	120	90	355	295	305	350	100	65	160	170	165	195	150	120	145	150	145	8	
9	165	150	155	185	230	145	245	255	260	250	245	250	250	255	265	275	270	295	290	275	270	200	175	165	13	
10	135	130	125	130	140	145	125	335	280	310	305	320	285	290	10	355	15	35	45	95	130	165	190	165	7	
11	130	170	170	125	0	135	25	35	285	285	340	315	335	200	180	205	190	175	190	190	125	135	195	160	9	
12	150	130	160	135	150	145	170	115	175	180	175	180	200	195	110	110	85	95	135	120	130	55	195	120	7	
13	140	165	155	150	165	170	165	180	190	180	175	185	200	205	220	205	170	200	205	185	355	220	190	150	9	
14	190	210	85	125	170	160	120	120	135	110	205	175	180	260	240	100	225	290	245	145	115	165	190	200	9	
15	225	215	210	160	165	165	165	190	205	195	190	180	195	195	195	215	215	215	240	305	305	340	45	105	10	
16	140	130	225	195	120	95	160	160	200	195	205	285	265	285	270	220	195	205	230	250	170	105	355	75	[VA]	
17	50	320	285	265	280	295	280	285	260	270	310	25	30	55	55	50	50	65	85	115	135	220	255	240	13	
18	150	135	135	145	170	195	130	130	110	60	315	300	150	130	130	170	150	165	260	240	215	150	110	115	7	
19	175	45	340	165	275	285	215	115	15	180	235	265	280	270	235	240	305	35	90	270	305	290	265	260	13	
20	165	175	125	135	155	180	135	120	100	135	235	250	265	285	280	280	305	275	250	220	200	185	190	175	9	
21	190	195	265	215	210	225	200	205	230	265	275	270	255	265	265	265	260	275	295	290	265	140	150	130	13	
22	140	150	165	165	180	180	195	200	205	200	240	245	230	270	265	235	240	245	220	190	175	270	285	280	12	
23	235	260	260	265	280	280	270	270	270	290	290	285	285	280	275	285	280	290	345	355	5	0	315	270	14	
24	255	270	155	145	150	150	135	185	320	310	20	310	320	275	245	290	285	270	45	130	150	150	145	150	8	
25	205	90	165	235	280	245	155	160	165	190	280	270	195	170	170	220	270	285	225	150	135	145	130	240	8	
26	270	265	185	210	215	200	225	215	250	245	180	220	245	245	255	245	260	285	310	85	115	240	185	150	12	
27	225	190	230	265	280	305	105	180	265	350	280	290	305	30	300	310	320	310	310	310	285	235	225	245	15	
28	240	215	180	150	145	140	175	285	340	315	300	280	270	300	300	325	295	305	15	90	110	150	140	135	14	
29	150	245	255	275	130	125	125	130	65	110	305	330	325	305	290	295	320	5	20	60	95	75	70	70	15	
30	70	80	75	80	85	85	70	50	45	55	55	60	45	50	60	45	40	55	50	65	95	115	115	120	4	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	8	8	8	8	8	7	[VA]	9	13	13	14	14	12	[VA]	13	12	13	14	[VA]	5	[VA]	[VA]	9	7	13	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3	-3	-4	-5	-6	-5	-6	-6	-7	-5	-3	-1	-1	0	0	1	1	0	-2	-3	-3	-2	-3	-3	-3	1
2	-3	-4	-4	-5	-5	-6	-6	-6	-5	-4	-4	-3	-1	-1	0	0	-2	-2	-2	-3	-3	-3	-4	-3	-3	0
3	-4	-4	-4	-4	-3	-6	-7	-7	-5	-5	-4	-2	0	1	1	1	1	5	6	6	6	5	6	6	0	6
4	4	6	6	6	6	6	6	6	6	5	5	5	5	6	7	6	6	5	5	5	5	5	5	5	6	7
5	5	5	5	5	4	2	-2	-4	-5	-5	-5	-4	-4	-3	-3	-4	-5	-5	-7	-8	-8	-8	-8	-9	-3	5
6	-9	-9	-5	-10	-10	-10	-10	-10	-10	-9	-8	-7	-6	-6	-6	-5	-6	-7	-8	-8	-8	-8	-8	-8	-8	-5
7	-9	-9	-9	-9	-9	-9	-9	-9	-9	-8	-7	-6	-6	-5	-5	-5	-5	-7	-8	-8	-8	-9	-8	-8	-8	-5
8	-8	-8	-8	-7	-8	-9	-8	-8	-8	-7	-6	-4	-4	-3	-2	-3	-3	-4	-4	-5	-5	-5	-5	-4	-6	-2
9	-5	-5	-4	-4	-3	-4	-4	-3	-3	-3	-1	1	0	1	2	7	9	7	6	6	6	2	0	5	1	9
10	5	4	4	4	4	4	4	4	4	5	5	4	5	6	5	5	5	5	5	4	2	2	2	2	4	6
11	1	-1	-1	-1	-1	-2	-3	-3	-2	-2	0	0	1	2	3	3	3	2	1	1	0	-1	-1	-2	0	3
12	-3	-2	-2	-3	-3	-4	-4	-5	-4	-3	-2	-1	0	2	3	4	3	2	1	1	0	-1	-1	-1	-1	4
13	-2	-1	0	-1	-2	-2	-3	-4	-3	-1	1	1	2	2	3	3	3	2	2	1	0	0	0	0	0	3
14	0	1	0	-1	-1	-1	-1	-2	0	0	2	2	3	4	8	1	4	3	3	4	4	3	2	1	2	8
15	1	1	1	1	0	1	3	-1	-1	1	1	2	3	4	5	5	5	4	2	1	1	1	0	0	2	5
16	0	-1	-1	-2	-2	-1	-2	-2	-1	0	2	2	4	5	5	4	3	3	3	3	3	3	3	3	1	5
17	3	0	0	0	0	-1	-2	-2	-2	-1	0	1	2	3	3	3	4	3	2	2	1	2	2	2	1	4
18	2	2	2	2	2	3	3	3	4	5	5	5	6	6	6	5	5	4	3	3	2	2	1	1	3	6
19	0	-1	0	-1	-1	-1	-1	-1	-1	0	0	1	3	5	6	7	4	1	-1	-1	0	-1	-2	-3	1	7
20	-3	-3	-4	-4	-4	-4	-4	-3	-3	-3	-2	-1	-1	0	0	0	-1	-2	-3	-4	-4	-5	-5	-5	-3	0
21	-5	-6	-6	-8	-8	-8	-8	-9	-8	-6	-4	-3	-2	-1	0	0	0	-1	-2	-3	-3	-4	-5	-6	-4	0
22	-6	-6	-6	-8	-9	-8	-9	-9	-8	-6	-4	-3	-2	0	0	1	1	0	-2	-2	-3	-3	-3	-4	-4	1
23	-5	-5	-5	-5	-7	-6	-7	-7	-7	-4	-3	-2	-1	1	2	3	3	2	1	0	0	-2	-2	-3	-2	3
24	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	0	1	1	3	5	8	8	6	5	4	5	4	3	3	2	8
25	3	1	0	1	1	0	0	0	0	1	2	4	5	7	8	9	9	9	8	7	7	7	6	6	4	9
26	3	2	2	3	1	1	1	1	1	2	3	5	6	8	9	10	9	8	9	8	7	5	5	7	5	10
27	4	4	3	3	2	2	2	1	1	3	4	5	6	8	9	10	11	10	9	9	9	6	5	6	6	11
28	5	6	4	3	3	3	4	2	4	4	4	5	8	12	13	13	13	13	11	10	10	10	10	10	8	13
29	9	9	8	8	8	9	9	9	9	11	11	13	13	13	13	13	13	12	11	11	11	11	10	10	11	13
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-1	-1	-1	-2	-2	-2	-2	-3	-2	-1	0	1	2	3	3	4	3	3	2	1	1	1	0	0	0	[ ]
SD	5	5	4	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4	[ ]

OUTPT (VERSION N / 26 APR 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	9	8	7	7	7	7	7	8	9	10	10	11	11	11	11	9	9	9	4	1	0	-1	-2	7	11
2	-2	-2	-3	-3	-4	-4	-4	-4	-3	-2	-2	-1	-1	-2	-2	-2	-3	-3	-4	-4	-4	-4	-4	-5	-3	-1
3	-6	-7	-6	-9	-9	-11	-11	-11	-11	-9	-8	-7	-6	-5	-6	-5	-6	-6	-7	-7	-7	-6	-7	-7	-8	-5
4	-7	-7	-7	-7	-6	-6	-6	-6	-5	-5	-4	-3	-4	-4	-4	-4	-4	-4	-5	-5	-6	-6	-6	-7	-5	-3
5	-7	-7	-8	-8	-9	-9	-10	-10	-9	-8	-8	-6	-5	-4	-4	-4	-4	-6	-7	-7	-7	-8	-9	-9	-7	-4
6	-9	-11	-11	-12	-11	-13	-13	-13	-11	-9	-8	-7	-6	-5	-5	-5	-5	-5	-6	-7	-6	-7	-8	-9	-8	-5
7	-9	-9	-9	-10	-11	-10	-11	-11	-9	-7	-6	-5	-4	-3	-2	-2	-2	-3	-4	-4	-5	-5	-6	-6	-6	-2
8	-6	-6	-6	-6	-7	-7	-7	-7	-6	-5	-3	-3	-1	0	1	1	1	1	0	-1	-2	-2	-3	-3	-3	1
9	-3	-4	-3	-4	-4	-4	-5	-5	-4	-1	0	1	2	3	4	4	4	4	3	3	2	2	1	0	0	4
10	0	0	-1	0	-1	-2	-2	-2	0	1	2	3	4	5	6	6	6	6	5	5	4	3	3	5	2	6
11	2	2	2	4	3	2	2	1	2	4	5	6	3	1	1	0	-1	-1	-2	-3	-4	-4	-4	-4	1	6
12	-4	-6	-6	-7	-8	-8	-8	-9	-8	-7	-6	-5	-4	-3	-3	-2	-2	-3	-4	-5	-5	-5	-6	-6	-5	-2
13	-7	-7	-8	-7	-7	-8	-8	-8	-6	-4	-2	-1	0	0	1	2	2	1	0	0	0	0	0	0	-3	2
14	0	-1	0	-1	-1	-1	-2	0	2	2	3	4	4	5	5	6	6	4	4	3	2	2	2	2	2	6
15	1	1	0	0	0	0	0	1	2	2	3	4	4	5	5	6	6	5	5	4	4	3	2	2	3	6
16	2	2	1	1	1	1	1	1	2	3	4	5	6	7	8	9	9	8	7	7	8	8	7	7	5	9
17	6	4	4	4	4	4	4	3	3	5	7	9	11	12	12	13	13	12	11	11	10	9	8	8	8	13
18	8	7	7	7	6	6	5	4	7	9	10	12	15	16	15	15	14	14	14	14	13	13	13	12	11	16
19	11	10	10	9	8	6	3	1	1	2	2	2	2	1	2	2	2	1	0	-1	-1	-2	-2	-2	3	11
20	-3	-3	-3	-4	-4	-4	-4	-3	-2	-1	0	1	2	3	3	4	5	5	4	3	2	2	2	1	0	5
21	1	1	1	1	1	1	2	3	4	5	6	7	8	9	9	9	9	9	7	7	6	5	4	4	5	9
22	3	3	3	3	2	2	2	2	3	5	6	8	10	11	12	14	14	13	11	10	10	10	9	9	7	14
23	10	10	10	10	9	8	9	9	12	13	13	15	15	14	14	14	14	13	12	10	9	8	8	7	11	15
24	6	6	5	5	4	3	4	4	6	9	10	11	12	14	15	16	16	15	13	13	13	13	13	13	10	16
25	13	12	12	11	11	11	8	6	6	5	2	1	0	0	0	0	0	-1	-1	-1	-1	-2	-2	-2	4	13
26	-2	-2	-2	-2	-3	-3	-4	-3	-1	0	2	3	4	5	6	7	8	7	5	4	4	4	3	3	2	8
27	4	4	3	3	3	3	2	3	5	7	9	9	9	10	10	10	9	6	3	1	1	1	1	0	5	10
28	-1	-1	-1	-2	-2	-2	-3	-3	-2	-1	0	-1	2	3	3	4	4	3	3	1	1	0	0	-1	0	4
29	-1	-1	-1	-3	-3	-3	-4	-3	-1	0	2	3	4	5	5	4	5	4	3	3	2	1	1	0	1	5
30	0	-1	-2	-2	-3	-3	-3	-2	0	1	3	4	5	6	7	8	8	8	7	6	6	5	4	4	3	8
31	4	3	4	2	2	2	2	2	6	6	7	9	10	12	13	14	14	14	12	11	9	9	10	9	8	14
AV	0	0	0	-1	-1	-1	-2	-2	0	1	2	3	4	4	5	5	5	4	3	2	2	2	1	1	2 [	]
SD	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5 [	]

OUTPT (VERSION N 26 APR 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 4
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7	8	7	9	8	8	8	6	8	13	14	15	16	16	17	18	17	17	15	14	13	12	11	8	12	18
2	7	6	6	5	5	4	3	4	6	7	8	10	12	14	15	15	15	15	14	13	12	11	10	9	9	15
3	6	7	4	5	4	4	2	4	6	7	10	12	14	15	16	17	18	17	16	14	14	13	12	12	10	18
4	9	8	7	7	7	6	6	7	10	11	13	14	16	17	17	16	14	16	15	14	12	11	11	10	11	17
5	10	10	7	7	7	6	7	7	7	7	9	11	13	14	15	10	7	6	6	5	5	5	4	4	8	15
6	3	3	3	3	2	2	2	3	4	6	7	8	8	8	8	8	8	7	7	7	6	6	6	6	5	8
7	6	5	6	5	5	5	6	6	7	9	9	10	11	12	12	12	12	12	10	9	9	9	8	7	8	12
8	7	6	6	5	5	4	4	5	7	9	11	13	14	16	16	17	16	16	15	14	13	12	12	12	11	17
9	13	13	12	11	10	8	7	8	10	12	13	14	14	15	15	15	15	14	13	11	10	10	8	7	12	15
10	7	6	5	5	5	4	4	4	6	8	10	12	13	14	15	16	17	16	15	14	14	13	12	9	10	17
11	9	9	9	6	5	6	5	6	8	10	13	16	19	21	21	21	21	20	19	17	16	16	14	13	13	21
12	13	14	15	14	13	13	14	14	16	17	17	17	16	15	14	13	12	13	12	11	11	11	11	11	14	17
13	11	10	10	9	10	9	9	9	9	8	10	10	11	11	12	13	12	11	8	7	7	7	7	7	9	13
14	6	6	5	6	6	6	6	7	8	9	10	11	11	10	8	9	10	8	6	3	4	5	5	5	7	11
15	5	4	5	5	5	5	5	5	7	8	9	10	10	11	10	11	10	10	8	4	3	3	3	3	7	11
16	3	3	4	4	3	3	4	4	6	7	8	8	10	11	11	10	6	3	3	3	3	3	3	2	5	11
17	2	2	2	2	2	2	2	1	1	1	3	4	5	6	7	7	8	8	7	7	7	6	5	3	4	8
18	2	2	3	3	4	3	3	3	4	6	7	8	6	5	5	7	6	6	5	3	2	3	2	2	4	8
19	3	3	3	3	3	3	3	4	5	6	5	7	8	9	10	11	11	11	10	10	9	8	7	6	7	11
20	6	6	5	4	4	4	3	5	7	9	10	11	12	13	14	15	15	15	14	13	12	11	11	11	10	15
21	11	11	10	10	10	9	10	11	13	15	16	17	18	18	18	18	18	18	17	15	15	14	13	11	14	18
22	12	13	14	14	13	13	13	14	16	17	18	18	19	17	14	16	17	17	17	15	15	14	12	11	15	19
23	10	11	11	10	10	9	9	10	11	12	13	14	14	15	15	15	15	15	14	12	11	10	9	9	12	15
24	8	7	5	5	5	5	5	7	8	9	12	13	15	16	17	17	18	18	17	16	14	14	14	14	12	18
25	12	12	12	12	10	10	12	14	16	17	15	17	18	19	20	17	9	7	5	5	4	4	5	4	11	20
26	4	3	1	0	1	1	0	-1	-1	-1	0	1	2	2	4	5	5	4	2	1	1	1	1	1	2	5
27	1	1	1	0	-1	-1	0	0	1	4	5	6	7	9	9	10	10	10	9	8	7	7	6	5	5	10
28	5	4	4	4	3	3	4	4	6	8	10	12	14	15	16	16	16	15	14	13	13	12	11	11	10	16
29	11	9	9	8	8	7	7	9	10	12	13	15	16	17	17	17	17	16	15	13	12	11	9	8	12	17
30	7	7	7	6	6	6	6	7	8	9	10	11	11	12	13	13	14	13	13	12	11	11	10	9	10	14
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	7	7	7	6	6	6	6	6	8	9	10	11	12	13	13	14	13	12	11	10	10	9	8	8	9	[ ]
SD	3	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	3	[ ]

OUTPT [VERSION N 26 APR 76]

```
      SIGMA THETA
      (DEGREES)
                                                          WHITE RIVER SHALE PROJECT,UTAH      ********************
                                                                                              *                  *
                                                          SITE A  4                           * PRELIMINARY DATA *
                                                                                              * AS OF 01/JUL/76  *
                                                          FEBRUARY,1976                       *                  *
                                                                                              ********************
                                                          AEROVIRONMENT INC.                  *                  *
                                                                                              *    SUBJECT TO    *
                                                                                              *     REVISION     *
                                                                                              *                  *
                                                                                              ********************

                                          CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                  P
  A                                                                                                                  E
  T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
  E                                                                                                                  K

  1    8    7    7    5    9    6    8   10   11   11   12   12   12   12   10    9    8   13   13   13    8    9   10   10   10   13
  2    9    8    8   10   10   10   10   11   11   11    9    9   10   10    7    8    5    3    5    8    9    8    6    7    8   11
  3    6    6    6    6   11   14   15   15   15   15   14   11   10    8    9   11    8    9   10   10   10   10   10    9   10   15
  4    9    9    9    9    9    9    9    9    9    9    9   11   10   10    9    9   10    9    9    9    9    9    9    8    9   11
  5    8    8    8    8    8    7    7    8    7    7    7   11    8    9    8   11    7    8    8    8    6    5    7    7    8   11
  6    6    6    6    6    8    7    5    6    6    5    7    8    9    9   10    9    6    4    4    4    4    3    4    4    6   10
  7    5    5    5    6    6    6    6    5    7   11   10    8    8    8    8    7    7    5    5    5    4    5    5    5    6   11
  8    6    7    6    6    7    7    7    5    6    7    8    9    8    9   13   11    7    7    8    4   11   10    8    8    8   13
  9    7    6    8    9   12    9   12    9    8    8   11    8    5    7    7    9   10   10   10   10   10   10   10   10    9   12
 10   10   10   10   10   10   10   10   10   11   11   10   10   12   11   10    8    7    5    5    7    8    9    9    9    9   12
 11    7    7    6    6    6    7    6    6    6    7    8    8    8    8    8    8    6    4    3    5    9    6    4    3    6    9
 12    4    4    5    5    5    5    6    7   10    8   10    8    8   10   12   11    7    5    5    6    6    7    7    7    7   12
 13    7    7    8    7    7    6    5    5    5    7    7    8    7    8    8    7    6    3    4    6    4    6    6    7    6    8
 14    7    7    7    6    5    6    6    7    7    8    7    8    8    5    6    6    7    8    8    9   10   11   11   11    8   11
 15   11   11   11   10    9    9    7    7    7    8    8   11   10    8    8    8    6    5    6    5    6    6    5    4    8   11
 16    6    6    7    7    6    7   10   11   11   11    9    8    8    8    9    9    8    7    7    8    9    9    9    9    8   11
 17    9    8    7    7    7    7    7    7    7    7    8    8    8    7    7    7    7    6    5    5    5    5    6    6    7    9
 18    7    7    8    8    8    8    8    8    6    6    7    7    7    7    8    8    8    7    7    7    7    5    5    6    7    8
 19    6    7    7    7   12    8    7    6    6    6    6    6    7    7    7    8    7    7    7    6    6    6    7    6    7   12
 20    6    6    7    6    6    5    6   11   10   12   13   11   11   11    8    7    7    8   12   12   12   13    8    7    9   13
 21    7    8    8   10   10   10    7    8    8    8   10   10   11   15   11    9    9    8    9    7    4    4    4    5    8   15
 22    5    6    4    5    6    7    7    7    8    9   10   10   10    9   10   10   10    6    5    5    9    5    3    6    7   10
 23    8    9    7    7    7    7    8    8    7    8    8    7    8    9    9   10    9    7    5    6    5    5    6    7    7   10
 24    6    5    5    7    7    7    8    7    7    5    6    8   12   10   10    9    8    6    6    6    5    6    7    8    7   12
 25    8    8    7    5    6    7    7    8    8    9   10   12   12   12   12   14   10    9   10   12   13   13   13   12   10   14
 26   10    8    8    7    7   10    8    7    6    8    9    9    9    9    9    9    9    7    8    7    6    6    4    5    8   10
 27    7    6    7    7    7    6    7    6    6    8    9    9    7    7    7    8    8    6    6    6    7    5    5    6    7    9
 28    7    7    9   12    9   10    7    7    9    8    5    6    8    8    9    9   10   11   11   12   12   13   14   14    9   14
 29   15   14   14   15   15   16   17   17   17   17   17   17   17   17   17   16   15   16   15   14   15   14   14   16   16   17
 30 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]
 31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

 AV    7    7    7    8    8    8    8    8    8    9    9    9    9    9    9    9    8    7    7    8    8    8    7    8    8 [  ]
 SD    2    2    2    2    2    2    3    3    3    3    3    2    2    2    2    2    2    3    3    3    3    3    3    3    2 [  ]

 OUTPT  [VERSION N   26 APR 76]
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SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 4
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	15	17	17	19	17	22	21	23	22	23	23	23	23	20	20	17	19	18	8	6	8	7	8	17	23
2	10	10	6	6	6	7	6	7	13	15	8	11	8	9	8	8	9	7	5	7	9	5	6	6	8	15
3	8	8	9	11	4	6	12	5	7	11	11	12	14	11	10	9	6	9	8	7	7	10	7	8	9	14
4	6	8	7	8	8	10	11	8	8	14	9	10	8	8	8	8	7	6	7	6	7	5	9	5	8	14
5	5	6	14	16	23	17	14	10	8	9	9	12	12	12	14	15	12	9	7	5	8	9	4	5	11	23
6	11	8	8	10	8	9	10	10	14	13	12	12	7	14	11	8	7	6	5	6	7	7	6	3	9	14
7	4	7	9	10	10	9	9	12	8	12	16	13	9	9	15	8	9	7	5	6	6	5	4	4	9	16
8	4	7	7	10	12	10	9	9	8	9	14	7	10	15	11	9	11	5	3	4	3	6	5	9	8	15
9	8	11	11	11	11	11	11	6	8	10	11	11	11	16	11	8	8	11	7	11	9	9	9	7	10	16
10	4	5	6	7	8	9	9	9	10	8	9	9	8	10	12	10	10	6	12	12	6	6	4	5	8	12
11	5	5	11	6	10	14	17	10	7	7	7	7	7	9	7	6	6	7	7	6	8	10	9	6	8	17
12	5	6	8	8	8	8	7	6	6	6	6	8	13	10	8	9	13	12	10	8	5	6	8	4	8	13
13	9	6	6	5	7	8	8	7	8	9	11	17	13	13	15	14	14	11	9	7	6	9	7	8	9	17
14	9	9	9	10	10	10	11	10	9	9	9	8	9	10	12	8	9	6	6	6	6	6	8	8	9	12
15	9	4	5	6	8	8	9	10	10	10	10	10	8	8	7	5	5	4	4	5	7	11	8	8	7	11
16	5	7	9	10	11	8	6	6	7	8	10	10	9	10	9	8	8	7	7	8	7	6	6	6	8	11
17	6	6	8	7	9	6	6	8	9	10	10	10	10	10	11	13	11	10	11	12	11	11	10	10	9	13
18	9	9	8	7	6	5	6	6	8	11	12	13	11	11	12	13	20	18	14	13	16	21	17	13	12	21
19	14	16	17	15	12	7	7	7	7	7	8	7	7	7	8	8	8	7	7	7	6	6	7	7	9	17
20	7	7	7	6	6	6	6	7	8	7	8	8	9	8	12	11	11	7	12	19	15	12	15	10	9	19
21	7	7	5	10	9	6	4	5	6	7	8	8	8	8	8	8	7	7	6	6	7	7	7	7	7	10
22	5	4	4	7	5	6	7	8	8	10	12	15	14	14	17	17	18	22	19	17	13	16	18	21	12	22
23	17	15	12	10	8	11	16	18	17	13	15	15	9	7	6	7	9	8	6	7	8	6	7	7	11	18
24	7	9	9	9	12	13	14	12	13	13	11	10	10	10	11	9	9	10	11	15	13	15	15	15	11	15
25	18	17	19	17	17	17	9	6	7	8	10	12	16	13	8	6	7	8	15	9	7	6	8	8	11	19
26	8	6	6	8	10	9	9	10	9	11	12	13	13	11	12	12	13	15	15	14	13	13	12	15	11	15
27	12	11	13	11	9	10	11	12	14	13	12	12	12	12	11	11	8	7	6	6	8	7	7	7	10	14
28	9	7	7	8	8	8	10	10	12	13	16	11	9	10	9	10	10	11	12	10	8	8	7	6	10	16
29	5	5	6	7	4	3	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	7
30	4	4	5	8	10	11	12	11	12	12	12	12	12	12	12	13	13	13	16	12	4	4	4	4	10	16
31	4	4	5	5	6	6	4	5	6	7	8	10	11	11	11	11	11	10	13	13	15	13	13	11	9	15
AV	8	8	9	9	9	9	10	9	10	10	11	11	10	11	11	10	10	9	9	9	8	9	8	8	9 [	]
SD	4	4	4	3	4	3	4	4	4	3	3	3	3	3	3	3	4	4	4	4	3	4	4	4	2 [	]

OUTPT [VERSION N 26 APR 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	15	16	16	16	16	16	9	8	13	18	20	18	16	15	15	14	16	18	20	16	13	10	7	15	20
2	6	9	11	10	6	6	7	9	11	9	10	10	11	13	11	13	16	11	9	8	8	8	8	8	10	16
3	8	8	8	8	8	8	8	8	8	9	13	17	15	12	11	9	12	11	8	7	9	8	10	8	10	17
4	9	7	7	7	8	8	8	8	8	9	10	11	11	13	12	14	14	14	11	8	7	7	7	7	9	14
5	7	8	8	11	9	8	9	7	6	5	10	10	8	9	10	10	11	12	13	14	14	18	19	15	10	19
6	16	17	17	18	18	18	17	16	15	13	11	8	9	9	9	9	7	8	7	6	9	15	14	13	12	18
7	12	8	13	13	14	12	11	6	8	8	8	8	8	8	8	8	9	6	6	7	6	10	13	7	9	14
8	4	4	5	6	4	4	5	5	6	7	7	7	7	7	7	7	8	8	8	8	6	7	8	10	6	10
9	11	12	16	16	11	6	8	9	8	9	7	9	8	11	10	9	8	8	7	7	6	5	5	8	9	16
10	5	5	6	5	4	5	6	8	9	8	8	8	8	8	8	8	8	8	6	7	7	8	8	8	7	9
11	8	10	8	9	8	8	8	8	10	11	10	11	11	12	12	13	13	13	14	14	15	15	15	16	12	19
12	15	16	16	16	17	17	18	13	12	12	13	14	14	13	12	10	10	10	11	11	11	11	12	12	13	18
13	12	12	13	13	13	14	13	17	16	17	18	16	15	14	14	13	12	11	11	10	10	9	10	8	13	18
14	9	9	9	9	9	9	9	9	9	9	9	10	10	10	6	7	7	8	8	12	10	10	12	15	9	15
15	13	13	15	14	14	12	15	17	18	18	17	15	14	13	13	12	12	12	11	10	10	8	8	7	13	18
16	7	7	7	7	8	8	8	8	8	8	8	8	9	11	10	11	18	17	14	7	12	6	5	7	9	18
17	5	6	8	6	5	5	5	6	4	4	8	6	7	8	8	8	8	8	9	10	9	10	8	6	7	10
18	7	4	8	5	5	6	7	8	6	8	8	8	8	10	8	8	8	8	8	9	10	10	9	12	8	12
19	14	14	13	13	13	12	10	11	10	9	9	8	8	8	7	7	7	6	6	6	6	7	6	5	9	14
20	4	4	4	5	7	7	8	8	8	9	9	10	10	12	12	12	8	7	6	11	15	17	19	16	10	19
21	17	18	11	9	10	13	16	15	14	10	9	8	8	7	8	8	7	7	7	8	8	8	10	12	10	18
22	16	16	19	17	17	18	17	16	14	13	12	9	11	9	11	8	8	9	11	15	17	11	7	7	13	19
23	8	7	6	6	7	7	6	6	7	7	7	8	8	8	8	8	8	9	8	7	7	7	6	6	7	9
24	10	8	7	9	10	10	11	11	11	14	11	11	10	10	10	10	11	10	10	10	10	9	9	10	10	14
25	12	8	8	8	7	7	7	7	7	7	7	8	8	8	8	9	9	7	6	5	6	6	6	9	8	12
26	6	7	10	10	14	16	13	13	10	8	15	14	11	11	8	12	9	7	8	6	5	6	8	8	10	16
27	10	8	6	5	6	8	6	6	7	7	7	8	9	10	11	11	12	13	12	11	7	5	4	4	8	13
28	5	8	7	8	4	5	7	7	8	10	10	11	11	11	11	11	10	10	10	7	7	5	5	5	8	11
29	5	6	5	5	7	9	11	11	10	10	10	10	10	10	12	11	10	10	10	9	5	5	5	5	8	12
30	6	6	6	6	6	6	7	7	9	7	7	7	7	7	7	7	7	7	7	7	7	7	4	5	7	9
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	10	[ ]
SD	4	4	4	4	4	4	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3	3	4	3	2	[ ]

OUTPT (VERSION N 26 APR 76)

```
          SIGMA W
          (METERS/SECOND)
                                                             WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                                 *                   *
                                                             SITE A  4                           *  PRELIMINARY DATA *
                                                                                                 *  AS OF 02/JUL/76  *
                                                             FEBRUARY,1976                       *                   *
                                                                                                 *********************
                                                             AEROVIRONMENT INC.                  *                   *
                                                                                                 *     SUBJECT TO    *
                                                                                                 *      REVISION     *
                                                                                                 *                   *
                                                                                                 *********************

                                              CLOCK HOUR  (LOCAL STANDARD TIME)
  D                                                                                                                    P
  A                                                                                                                    E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23  AVE    A
  E                                                                                                                    K

  1   .26   .22   .12   .12   .10   .10   .16   .14   .12   .18   .22   .26   .28   .26   .24   .18   .14   .12   .14   .10   .12   .16   .14   .10  .16   .28
  2   .12   .14   .10   .14   .10   .10   .12   .14   .12   .14   .18   .22   .22   .20   .16   .16   .14   .10   .14   .10   .12   .12   .12   .16  .14   .22
  3   .14   .18   .14   .12   .10   .12   .14   .12   .12   .12   .62   .26   .22   .18   .16   .14   .10   .36   .38   .54   .28   .32   .48   .56  .24   .62
  4   .30   .64   .72   .80   .80   .80   .78   .74   .60   .62   .72   .72   .74   .72   .70   .76   .66   .60   .56   .68   .72   .66   .68   .64  .68   .80
  5   .78   .76   .74   .74   .50   .32   .14   .12   .14   .18   .24   .28   .30   .30   .36   .28   .24   .22   .22   .20   .20   .18   .18   .18  .32   .78
  6   .16   .14   .16   .18   .14   .12   .10   .12   .14   .16   .16   .16   .22   .22   .22   .18   .16   .14   .16   .10   .10   .10   .12   .10  .14   .22
  7   .12   .10   .12   .12   .10   .10   .10   .10   .12   .14   .14   .18   .18   .20   .20   .22   .16   .12   .10   .10   .10   .10   .12   .10  .14   .22
  8   .10   .10   .10   .10   .10   .10   .10   .10   .10   .10   .14   .20   .20   .18   .18   .14   .12   .10   .12   .12   .10   .10   .10   .10  .12   .20
  9   .12   .10   .10   .10   .10   .10   .10   .10   .10   .12   .14   .14   .20   .16   .24   .40   .74   .76   .70   .72   .68   .54   .20   .46  .30   .76
 10   .62   .50   .52   .64   .62   .50   .62   .62   .46   .50   .56   .30   .32   .36   .38   .30   .22   .12   .10   .26   .26   .38   .30   .24  .40   .64
 11   .22   .16   .14   .18   .14   .12   .10   .10   .12   .18   .22   .28   .28   .34   .28   .26   .20   .14   .10   .10   .10   .10   .10   .10  .16   .34
 12   .10   .10   .14   .10   .10   .10   .10   .12   .14   .14   .20   .24   .30   .28   .26   .22   .20   .14   .14   .14   .18   .14   .12   .18  .16   .30
 13   .14   .14   .16   .12   .12   .10   .10   .12   .12   .16   .22   .28   .28   .28   .30   .28   .22   .14   .10   .12   .10   .10   .10   .10  .16   .30
 14   .10   .12   .12    10   .14   .14   .14   .14   .20   .22   .26   .22   .22   .22   .42   .56   .60   .58   .50   .62   .60   .48   .32   .18  .30   .62
 15   .18   .42   .18   .24   .16   .10   .14   .12   .12   .14   .22   .18   .22   .18   .28   .30   .22   .16   .30   .18   .16   .28   .26   .18  .20   .42
 16   .26   .24   .26   .28   .24   .42   .52   .50   .54   .48   .52   .46   .50   .66   .72   .68   .44   .18   .48   .48   .62   .64   .62   .66  .48   .72
 17   .50   .68   .62   .70   .68   .62   .52   .46   .28   .46   .48   .50   .50   .52   .48   .40   .35   .20   .14   .34   .64   .66   .70   .52  .50   .70
 18   .60   .72   .72   .72   .70   .72   .74   .70   .50   .58   .60   .64   .60   .60   .62   .54   .56   .50   .34   .26   .18   .18   .22   .44  .54   .74
 19   .48   .32   .20   .14   .12   .10   .14   .12   .20   .22   .32   .38   .30   .28   .28   .26   .36   .40   .48   .44   .34   .46   .44   .34  .30   .48
 20   .40   .36   .28   .22   .18   .22   .32   .38   .22   .38   .32   .48   .52   .58   .50   .46   .44   .36   .22   .20   .22   .22   .18   .22  .32   .58
 21   .16   .12   .14   .14   .14   .12   .14   .18   .18   .20   .24   .28   .28   .28   .28   .24   .20   .12   .10   .10   .10   .12   .14   .12  .18   .28
 22   .10   .14   .22   .14   .14   .10   .10   .10   .10   .18   .24   .28   .28   .30   .28   .30   .22   .14   .12   .10   .10   .10   .10   .10  .16   .30
 23   .10   .10   .10   .12   .10   .10   .16   .12   .12   .18   .24   .26   .26   .28   .22   .24   .18   .12   .10   .10   .12   .14   .10   .10  .16   .28
 24   .12   .12   .12   .18   .14   .22   .18   .14   .14   .28   .22   .22   .26   .24   .22   .28   .20   .14   .10   .12   .12   .22   .26   .44  .20   .44
 25   .38   .26   .14   .18   .22   .16   .12   .12   .16   .18   .28   .28   .26   .26   .26   .22   .16   .32   .58   .68   .72   .62   .48   .46  .32   .72
 26   .16   .16   .10   .12   .16   .14   .12   .10   .10   .16   .22   .24   .32   .30   .28   .22   .26   .14   .24   .30   .26   .14   .16   .28  .20   .32
 27   .18   .10   .10   .10   .10   .10   .14   .12   .16   .20   .24   .28   .28   .30   .32   .26   .16   .10   .10   .20   .36   .18   .16   .18  .18   .36
 28   .12   .20   .10   .10   .10   .10   .12   .14   .16   .18   .18   .18   .20   .34   .54   .56   .56   .56   .58   .70   .70   .72   .74   .58  .36   .74
 29   .62   .70   .34   .48   .64   .66   .72   .74   .70   .72   .74   .70   .74   .76   .72   .72   .68   .60   .58   .70   .70   .68   .56   .34  .64   .76
 30 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV   .26   .28   .24   .26   .24   .24   .24   .24   .22   .26   .32   .32   .32   .34   .34   .34   .30   .26   .28   .30   .32   .30   .28   .28  .28 [   ]
 SD   .19   .22   .20   .23   .22   .21   .22   .21   .17   .17   .18   .15   .15   .17   .17   .17   .19   .19   .19   .23   .24   .22   .20   .20  .15 [   ]

  OUTPT  (VERSION N    26 APR 76)
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```
        SIGMA W
        (METERS/SECOND)
                                                         WHITE RIVER SHALE PROJECT,UTAH     *********************
                                                                                            *                   *
                                                         SITE A  4                          *  PRELIMINARY DATA *
                                                                                            *  AS OF 01/JUL/76  *
                                                         MARCH,1976                         *                   *
                                                                                            *********************
                                                         AEROVIRONMENT INC.                 *                   *
                                                                                            *    SUBJECT TO     *
                                                                                            *     REVISION      *
                                                                                            *                   *
                                                                                            *********************

                                       CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                          P
  A                                                                                                          E
  T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
  E                                                                                                          K

  1  .22  .50  .74  .70  .70  .60  .64  .60  .70  .78  .78  .78  .78  .78  .80  .80  .78  .78  .74  .58  .32  .24  .20  .14 .62  .80
  2  .10  .14  .20  .26  .24  .22  .24  .30  .20  .24  .20  .20  .24  .24  .24  .28  .26  .20  .26  .20  .18  .20  .30  .34 .22  .34
  3  .14  .20  .42  .28  .34  .20  .14  .16  .14  .18  .18  .22  .26  .26  .26  .24  .24  .20  .14  .12  .14  .10  .12  .14 .20  .42
  4  .18  .14  .14  .16  .12  .16  .14  .10  .10  .12  .14  .14  .16  .18  .18  .18  .20  .18  .20  .26  .18  .12  .10  .10 .16  .26
  5  .12  .14  .18  .18  .16  .18  .12  .12  .12  .14  .14  .16  .18  .18  .20  .18  .14  .10  .08  .10  .10  .10  .10  .10 .14  .20
  6  .10  .14  .12  .10  .14  .14  .12  .12  .12  .14  .18  .20  .24  .28  .26  .26  .22  .14  .10  .10  .10  .10  .10  .10 .16  .28
  7  .10  .10  .10  .10  .12  .14  .10  .10  .10  .36  .28  .28  .28  .28  .26  .24  .20  .14  .10  .08  .10  .10  .10  .10 .16  .36
  8  .12  .14  .16  .20  .12  .14  .12  .10  .12  .18  .22  .24  .26  .26  .24  .24  .22  .14  .08  .10  .08  .08  .08  .10 .16  .26
  9  .10  .14  .22  .18  .16  .20  .14  .10  .12  .16  .20  .24  .26  .28  .28  .24  .20  .12  .10  .10  .08  .14  .12  .12 .16  .28
 10  .10  .22  .18  .14  .14  .20  .14  .10  .12  .18  .22  .26  .28  .26  .28  .26  .20  .12  .08  .08  .08  .10  .16  .34 .18  .34
 11  .28  .16  .16  .38  .66  .70  .56  .20  .32  .62  .60  .62  .56  .22  .12  .26  .44  .56  .64  .56  .34  .24  .18  .12 .40  .70
 12  .20  .42  .44  .50  .44  .34  .46  .46  .44  .44  .34  .34  .34  .32  .32  .28  .24  .20  .14  .10  .10  .10  .10  .14 .30  .50
 13  .30  .22  .18  .22  .16  .14  .14  .12  .18  .22  .28  .32  .32  .34  .34  .32  .28  .20  .10  .08  .10  .10  .14  .12 .20  .34
 14  .24  .16  .12  .14  .14  .10  .14  .12  .22  .14  .18  .26  .22  .24  .28  .32  .50  .60  .60  .64  .46  .26  .18  .14 .26  .64
 15  .18  .18  .18  .20  .20  .12  .14  .24  .16  .24  .30  .32  .34  .34  .34  .30  .24  .20  .12  .16  .34  .58  .48  .26 .26  .58
 16  .24  .32  .26  .24  .18  .14  .16  .22  .20  .20  .28  .32  .28  .28  .30  .28  .20  .10  .08  .10  .12  .22  .40  .44 .24  .44
 17  .34  .12  .10  .14  .34  .14  .12  .10  .10  .18  .28  .32  .32  .34  .28  .28  .24  .14  .10  .10  .26  .32  .26  .54 .22  .54
 18  .60  .26  .14  .18  .18  .12  .14  .14  .14  .24  .32  .30  .40  .64  .70  .64  .66  .48  .64  .68  .68  .66  .60  .56 .42  .70
 19  .58  .62  .62  .62  .62  .60  .64  .66  .66  .66  .66  .72  .70  .70  .66  .66  .66  .64  .62  .56  .60  .44  .42  .34 .62  .72
 20  .26  .44  .56  .58  .56  .54  .58  .44  .50  .50  .50  .50  .46  .48  .48  .44  .44  .50  .50  .58  .59  .48  .42  .24 .48  .58
 21  .18  .44  .28  .34  .54  .40  .46  .54  .56  .64  .62  .60  .60  .64  .62  .58  .52  .52  .42  .34  .18  .10  .14  .18 .44  .64
 22  .30  .20  .20  .24  .32  .30  .28  .20  .18  .30  .28  .36  .40  .40  .36  .48  .60  .60  .54  .58  .42  .48  .50  .66 .38  .66
 23  .74  .72  .76  .68  .36  .42  .66  .50  .66  .68  .64  .66  .66  .66  .64  .62  .64  .54  .44  .28  .24  .20  .26  .18 .54  .76
 24  .22  .28  .24  .18  .20  .22  .18  .22  .34  .28  .32  .34  .36  .54  .58  .60  .56  .52  .52  .54  .72  .70  .76  .80 .42  .80
 25  .70  .60  .64  .68  .64  .64  .46  .56  .56  .56  .48  .34  .24  .34  .32  .32  .36  .28  .46  .20  .14  .28  .20  .22 .42  .70
 26  .20  .20  .20  .26  .26  .26  .28  .26  .32  .36  .46  .46  .46  .46  .42  .40  .44  .50  .46  .48  .62  .54  .44  .46 .38  .52
 27  .58  .52  .44  .38  .34  .28  .18  .28  .36  .50  .72  .70  .72  .74  .66  .66  .58  .50  .50  .38  .28  .22  .18  .30 .46  .74
 28  .28  .22  .34  .32  .20  .28  .28  .28  .32  .36  .38  .38  .48  .50  .46  .48  .44  .38  .40  .28  .16  .18  .14  .12 .32  .50
 29  .12  .10  .12  .12  .12  .10  .12  .12  .24  .36  .42  .44  .46  .50  .44  .34  .42  .44  .26  .22  .18  .26  .24  .18 .26  .50
 30  .14  .18  .22  .22  .18  .18  .16  .18  .28  .34  .40  .44  .46  .44  .42  .36  .34  .22  .12  .12  .26  .52  .64  .56 .30  .64
 31  .40  .18  .24  .14  .14  .26  .34  .24  .34  .34  .34  .40  .42  .42  .42  .38  .48  .52  .54  .60  .52  .56  .50  .34 .38  .60

 AV  .26  .28  .28  .30  .30  .28  .28  .26  .28  .34  .36  .38  .40  .40  .40  .38  .38  .34  .32  .30  .28  .28  .28  .28 .32 [  ]
 SD  .18  .17  .19  .18  .18  .17  .18  .17  .18  .19  .18  .17  .16  .17  .17  .16  .17  .20  .22  .21  .20  .19  .18  .19 .14 [  ]

 OUTPT  [VERSION N   26 APR 76]
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SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.20	.18	.40	.60	.56	.46	.32	.18	.28	.66	.72	.76	.76	.76	.74	.72	.76	.74	.64	.60	.56	.58	.44	.26	.54	.76
2	.20	.18	.20	.16	.14	.14	.10	.14	.26	.32	.36	.38	.38	.44	.42	.40	.38	.24	.18	.10	.14	.14	.14	.16	.24	.44
3	.16	.14	.12	.14	.18	.20	.16	.18	.22	.30	.34	.42	.42	.40	.38	.40	.38	.30	.18	.16	.16	.26	.36	.36	.26	.42
4	.20	.14	.14	.10	.14	.14	.12	.22	.26	.28	.34	.36	.38	.38	.34	.36	.60	.40	.16	.28	.62	.52	.30	.38	.30	.62
5	.36	.48	.22	.10	.08	.08	.08	.12	.14	.28	.24	.26	.38	.60	.52	.70	.66	.54	.68	.46	.46	.48	.38	.46	.36	.70
6	.62	.62	.48	.64	.68	.60	.58	.52	.58	.62	.62	.58	.60	.68	.64	.62	.60	.58	.42	.44	.38	.46	.58	.50	.56	.68
7	.48	.38	.48	.38	.36	.34	.34	.40	.40	.38	.38	.36	.32	.38	.38	.34	.34	.34	.32	.30	.28	.38	.48	.32	.36	.48
8	.12	.08	.04	.08	.12	.12	.10	.18	.28	.32	.36	.40	.42	.40	.36	.46	.58	.52	.50	.32	.20	.40	.50	.54	.32	.64
9	.64	.66	.62	.54	.34	.14	.16	.20	.38	.62	.64	.64	.60	.56	.52	.52	.50	.44	.46	.40	.18	.10	.12	.14	.42	.66
10	.20	.28	.22	.18	.26	.30	.32	.20	.24	.30	.36	.42	.40	.42	.40	.34	.34	.26	.16	.14	.20	.26	.40	.26	.28	.42
11	.26	.18	.10	.12	.14	.12	.12	.18	.20	.32	.40	.40	.40	.62	.64	.64	.66	.56	.52	.50	.36	.48	.44	.30	.36	.66
12	.64	.62	.62	.56	.54	.56	.54	.40	.58	.66	.66	.68	.68	.66	.50	.58	.68	.66	.72	.64	.66	.62	.68	.60	.62	.72
13	.62	.64	.64	.50	.54	.60	.52	.52	.72	.76	.74	.74	.62	.68	.72	.70	.70	.64	.64	.52	.22	.22	.16	.14	.56	.76
14	.30	.42	.18	.18	.38	.28	.26	.34	.34	.36	.52	.64	.62	.48	.46	.40	.44	.24	.34	.44	.54	.60	.38	.44	.40	.64
15	.32	.34	.38	.52	.62	.60	.56	.70	.70	.72	.66	.72	.74	.74	.68	.68	.70	.68	.54	.36	.20	.18	.12	.10	.52	.74
16	.10	.14	.36	.30	.18	.10	.20	.40	.54	.52	.48	.48	.46	.46	.48	.38	.64	.70	.48	.30	.34	.16	.12	.14	.36	.70
17	.16	.24	.20	.18	.16	.16	.16	.14	.08	.10	.10	.18	.30	.34	.36	.30	.32	.26	.26	.24	.32	.36	.34	.28	.24	.36
18	.28	.24	.24	.20	.20	.24	.22	.34	.28	.28	.28	.32	.46	.32	.54	.56	.66	.66	.34	.40	.46	.42	.38	.54	.36	.66
19	.32	.12	.10	.14	.12	.08	.10	.18	.32	.32	.36	.34	.30	.34	.38	.34	.28	.20	.12	.12	.20	.22	.30	.18	.22	.38
20	.12	.16	.18	.14	.18	.34	.44	.24	.32	.40	.46	.48	.44	.42	.44	.42	.38	.38	.32	.36	.54	.68	.70	.70	.38	.70
21	.72	.74	.46	.28	.44	.32	.50	.52	.46	.42	.46	.54	.60	.64	.58	.54	.50	.34	.30	.24	.16	.20	.52	.66	.46	.74
22	.62	.60	.66	.68	.74	.72	.76	.62	.62	.66	.64	.64	.66	.62	.52	.28	.42	.40	.58	.44	.54	.58	.44	.40	.58	.76
23	.18	.28	.42	.34	.38	.42	.38	.46	.50	.52	.52	.58	.62	.62	.60	.58	.56	.52	.42	.30	.22	.22	.14	.12	.42	.62
24	.12	.12	.14	.30	.46	.54	.50	.36	.24	.32	.40	.42	.44	.42	.38	.38	.36	.28	.16	.18	.52	.60	.58	.52	.36	.60
25	.38	.28	.54	.50	.24	.10	.42	.64	.70	.72	.48	.44	.66	.76	.76	.74	.66	.56	.36	.28	.32	.42	.36	.20	.48	.76
26	.30	.36	.22	.10	.08	.08	.08	.08	.08	.12	.48	.42	.42	.48	.48	.50	.42	.38	.24	.12	.14	.14	.12	.20	.26	.50
27	.36	.28	.24	.14	.20	.14	.14	.20	.24	.30	.38	.42	.44	.38	.40	.40	.34	.42	.24	.12	.12	.14	.10	.10	.26	.44
28	.16	.22	.24	.20	.18	.28	.20	.22	.28	.32	.38	.38	.44	.46	.44	.42	.36	.24	.20	.14	.18	.44	.58	.50	.32	.58
29	.22	.12	.12	.10	.12	.20	.24	.30	.30	.36	.40	.40	.46	.44	.40	.40	.50	.46	.48	.36	.24	.16	.26	.30	.30	.50
30	.24	.32	.30	.32	.24	.24	.30	.32	.40	.40	.46	.48	.46	.46	.44	.42	.38	.34	.28	.16	.10	.14	.14	.16	.32	.48
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.32	.32	.30	.30	.30	.28	.30	.32	.36	.42	.46	.48	.50	.52	.50	.48	.50	.44	.38	.32	.32	.36	.36	.34	.38	[ ]
SD	.18	.19	.18	.19	.19	.19	.18	.17	.18	.18	.15	.14	.13	.13	.12	.14	.14	.16	.17	.15	.17	.18	.18	.18	.11	[ ]

OUTPT (VERSION N 26 APR 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	3.5	2.5	2.5	2.0	3.0	3.5	2.5	2.5	2.5	2.5	4.0	3.5	4.5	4.5	3.5	2.0	1.5	2.0	1.5	2.5	2.5	2.5	1.5	3.0	4.5
2	3.0	3.5	3.5	2.5	2.5	2.0	2.5	2.0	2.0	2.5	2.5	3.5	3.0	[MT]	3.0	2.5	2.5	2.5	1.5	2.0	2.5	2.5	2.0	2.0	2.5	3.5
3	2.5	2.5	3.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.5	3.5	2.5	2.5	2.5	2.5	1.5	1.5	1.5	2.0	1.5	2.0	2.0	2.5	2.0	3.5
4	2.5	2.0	2.0	2.0	2.5	2.0	1.5	2.5	4.0	8.0	7.5	5.5	6.5	8.5	10.0	8.0	6.0	5.5	3.0	3.0	6.0	6.0	4.0	3.5	4.5	10.0
5	7.0	6.5	6.0	4.0	5.5	7.5	8.0	8.5	9.0	8.0	8.5	10.5	8.5	8.5	9.5	8.5	8.0	7.5	5.0	6.5	5.5	5.5	6.0	5.5	7.0	10.5
6	7.5	4.0	4.5	5.5	2.5	5.5	4.0	4.5	2.0	3.0	6.0	4.0	3.0	4.0	5.5	3.0	2.5	2.5	2.0	3.0	2.0	1.5	1.5	3.5	3.5	7.5
7	2.5	2.0	2.0	2.5	1.5	1.0	1.0	1.5	2.0	3.0	4.0	3.5	6.0	6.0	5.5	4.0	4.5	2.5	2.0	1.5	1.0	2.0	1.5	1.5	2.5	6.0
8	1.5	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.0	2.5	3.5	4.5	4.0	4.0	3.5	4.0	4.5	2.0	2.5	3.0	3.0	1.5	2.0	2.0	2.5	4.5
9	1.5	1.0	3.0	2.0	1.5	1.5	1.5	2.0	1.5	2.5	2.0	3.5	4.5	3.5	4.0	3.5	3.0	2.5	4.5	4.5	5.5	5.5	3.5	2.5	3.0	5.5
10	2.0	2.5	2.0	1.5	1.5	1.5	1.0	1.5	1.5	1.5	4.5	5.5	4.0	6.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2.5	6.0
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
12	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[MT]	[MT]	[MT]	4.5	3.0	3.0	2.0	3.5	3.5	2.0	1.5	2.0	3.0	4.5
13	1.5	2.5	2.5	2.0	2.0	1.5	1.5	1.0	1.5	3.5	3.5	4.0	4.5	4.5	5.0	3.5	3.0	2.0	1.0	2.0	1.5	3.0	2.5	2.0	2.5	5.0
14	1.5	2.0	2.0	2.5	2.0	2.0	3.0	2.0	1.5	3.5	3.5	3.5	3.0	3.5	3.5	3.5	3.5	3.5	2.5	2.5	3.5	3.5	3.5	3.5	3.0	3.5
15	3.5	2.5	2.5	2.0	1.5	2.5	3.0	2.0	2.0	3.0	4.0	4.0	3.0	4.0	3.5	4.0	2.5	3.0	4.0	3.0	2.5	2.0	1.5	2.5	3.0	4.0
16	3.5	2.5	3.5	2.5	2.5	3.0	3.0	2.5	2.5	3.5	4.0	4.0	3.5	6.0	5.0	3.5	4.5	2.0	2.5	1.5	2.0	3.0	3.5	3.0	3.0	6.0
17	2.5	4.5	3.0	5.0	4.5	4.5	4.5	2.5	3.5	4.5	4.0	6.0	7.5	6.5	6.5	4.5	3.0	3.0	2.5	2.5	2.5	3.0	3.0	2.5	4.0	7.5
18	1.5	2.0	2.5	3.0	3.5	3.5	2.0	2.5	2.0	5.0	7.0	7.0	6.0	7.0	8.0	6.0	4.5	4.0	1.5	2.0	2.5	2.5	2.5	3.5	4.0	8.0
19	3.5	3.5	3.5	3.0	2.0	1.5	2.5	2.0	2.5	4.0	5.0	4.0	4.5	3.5	5.0	5.5	6.0	4.5	4.0	3.0	4.5	3.5	3.5	1.5	3.5	6.0
20	6.5	4.0	2.5	1.5	2.5	3.0	7.0	5.0	7.5	10.5	9.5	10.5	12.5	13.0	11.0	9.5	8.5	6.5	9.5	7.0	7.5	2.5	1.5	3.0	7.0	13.0
21	3.5	3.0	3.0	2.5	3.0	2.5	3.0	3.5	3.0	2.5	3.0	4.0	4.0	3.0	3.5	2.5	2.5	3.5	3.5	2.0	3.5	3.0	3.0	2.5	3.0	4.0
22	2.0	2.5	3.0	3.5	3.5	2.5	2.5	3.0	2.5	2.5	3.0	3.5	4.0	3.5	3.5	4.5	3.5	2.0	1.5	2.5	3.5	3.5	2.5	2.5	3.0	4.5
23	2.5	2.5	2.5	2.5	2.5	2.5	3.5	2.5	2.5	2.5	4.0	4.5	3.5	4.0	4.0	3.0	3.0	1.5	1.5	2.5	2.5	2.5	1.5	2.0	3.0	4.5
24	1.5	1.5	2.5	2.5	3.0	3.5	3.0	2.0	2.5	4.5	3.5	4.0	5.0	3.0	3.5	3.5	2.5	6.0	4.5	2.0	3.0	3.0	3.5	3.5	3.0	6.0
25	3.5	3.5	3.5	3.5	3.5	2.5	3.0	3.0	2.5	2.5	4.0	4.5	4.5	4.5	3.5	2.5	2.5	1.0	2.5	2.5	2.0	4.0	3.5	3.5	3.0	4.5
26	3.5	3.0	2.5	3.0	2.5	1.5	2.0	2.0	2.5	2.0	3.5	5.0	4.0	3.5	4.0	4.0	4.5	2.0	1.5	3.0	1.5	1.5	3.0	2.5	3.0	5.0
27	2.0	2.5	3.5	3.0	2.5	3.0	3.0	2.0	1.5	2.5	3.5	4.0	5.5	5.0	4.5	3.0	1.5	2.0	2.0	3.5	2.5	2.0	3.0	3.0	3.0	5.5
28	2.5	3.5	3.0	1.5	2.0	2.5	1.5	2.0	1.5	1.5	4.0	3.0	2.5	3.0	3.5	4.5	4.0	2.0	3.0	2.5	1.5	3.0	2.0	1.5	2.5	4.5
29	3.5	3.5	3.0	2.5	2.5	2.0	3.5	2.5	2.5	3.5	7.5	11.5	11.5	11.5	9.0	8.5	6.0	6.0	4.0	3.5	3.0	3.5	3.0	2.5	5.0	11.5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.0	3.0	3.0	2.5	2.5	2.5	3.0	2.5	2.5	3.5	4.5	5.0	5.0	5.5	5.0	4.5	4.0	3.0	3.0	3.0	3.0	3.0	2.5	2.5	3.5	[ ]
SD	1.6	1.1	.9	1.0	.9	1.4	1.6	1.5	1.7	2.1	1.9	2.2	2.5	2.6	2.3	1.9	1.8	1.7	1.7	1.3	1.5	1.2	1.0	.9	1.2	[ ]

OUTPT (VERSION N 26 APR 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	11.0	8.5	5.0	7.0	5.0	3.0	2.5	8.5	12.0	12.5	16.0	11.0	14.5	14.0	12.0	13.5	13.0	11.5	10.0	3.5	1.5	1.0	1.0	8.5	16.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	6.0	5.0	5.5	7.0	4.0	4.5	5.0	3.0	3.0	3.0	2.5	2.0	1.5	1.0	2.0	2.5	7.0
3	1.5	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.5	1.5	1.5	3.0	2.5	2.0	2.5	2.5	3.0	3.0	2.0	2.0	2.5	1.0	3.0	1.5	2.0	3.0
4	1.0	2.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	5.5	6.0	5.0	3.0	2.0	2.0	2.5	1.5	1.0	1.0	1.0	1.5	1.5	2.0	6.0
5	2.0	2.5	2.5	2.0	3.0	2.5	2.5	2.5	2.0	1.5	3.0	3.0	3.0	3.5	2.5	4.0	5.0	4.0	2.5	1.0	2.0	2.0	2.5	1.5	2.5	5.0
6	2.0	2.5	2.0	3.0	2.5	2.0	1.5	2.0	2.0	2.0	3.0	3.0	3.5	3.5	2.5	3.0	2.0	2.0	1.5	1.5	2.5	2.5	2.5	1.5	2.5	3.5
7	1.5	2.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	2.0	2.5	3.5	3.0	3.5	3.5	4.0	3.5	3.5	1.5	1.0	1.0	1.0	1.0	1.5	2.0	4.0
8	2.5	2.5	3.0	2.0	2.5	1.5	1.5	1.5	2.0	2.5	3.0	3.0	3.5	4.0	4.0	4.0	2.5	2.0	1.0	1.0	2.0	1.5	1.5	2.0	2.5	4.0
9	2.5	3.0	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.5	3.5	4.5	4.0	4.0	4.0	2.5	2.0	2.0	2.0	1.5	2.5	2.5	1.5	2.5	4.5
10	2.5	2.0	2.0	2.0	3.0	2.0	2.0	1.5	2.0	2.5	3.0	4.0	5.0	5.0	4.5	3.0	3.5	3.0	2.0	1.5	3.0	2.5	2.5	3.0	3.0	5.0
11	3.0	2.5	2.5	2.0	3.0	3.0	2.0	2.0	2.0	2.5	3.0	2.5	5.0	4.0	4.0	5.5	7.0	7.0	5.5	4.5	3.5	1.5	1.5	3.0	3.5	7.0
12	6.5	6.0	6.5	9.0	7.5	5.5	6.0	4.0	6.5	5.5	6.0	6.0	5.0	4.0	3.5	2.5	3.5	5.0	4.0	1.0	1.0	2.5	1.5	1.5	4.5	9.0
13	2.0	2.5	1.0	1.5	1.5	1.0	1.5	2.0	2.0	2.5	3.0	4.0	6.5	7.5	5.5	4.0	4.0	3.0	1.0	1.0	1.5	2.5	1.5	2.0	2.5	7.5
14	2.5	2.0	1.5	1.5	1.0	1.0	1.0	1.5	2.5	2.0	2.5	4.0	3.5	3.0	2.0	3.5	4.5	4.5	4.5	3.5	3.5	2.5	2.5	2.0	2.5	4.5
15	2.0	1.5	2.5	1.0	2.5	2.0	2.5	2.5	2.5	3.5	4.0	5.0	5.0	4.0	3.0	3.5	2.0	1.0	1.0	1.5	2.0	1.5	1.5	2.5	2.5	5.0
16	2.5	3.5	2.5	3.5	3.0	2.5	3.5	2.5	2.0	3.0	4.0	5.0	5.0	5.5	3.5	2.0	2.0	3.5	3.5	1.5	1.5	2.5	2.5	2.5	3.0	5.5
17	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	1.5	3.0	3.5	3.5	3.5	3.5	5.0	4.0	3.5	2.5	3.0	3.0	2.5	3.0	3.5	3.0	3.0	5.0
18	3.5	3.5	3.0	3.0	3.0	3.0	2.5	3.0	2.0	2.5	3.5	3.5	3.5	11.5	10.0	8.5	6.5	3.5	6.0	6.5	8.5	5.0	2.5	3.5	4.5	11.5
19	4.0	4.0	4.0	4.5	9.5	7.0	7.5	9.5	5.0	7.5	9.0	9.0	8.5	8.5	6.5	7.0	6.5	6.5	6.0	4.0	5.0	5.0	3.0	2.5	6.0	9.5
20	3.0	4.5	5.0	3.0	3.5	5.0	4.5	5.0	6.0	5.5	6.0	6.0	6.0	6.5	5.0	4.0	3.5	3.5	2.5	2.0	2.5	2.5	2.5	3.0	4.0	6.5
21	2.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	5.0	6.5	6.0	7.5	8.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	4.0	8.0
22	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3.5	3.5	8.0	7.0	3.0	2.0	2.0	3.5	4.0	4.0	4.0	8.0
23	4.0	5.5	5.0	5.0	4.5	4.5	4.0	4.0	4.0	4.5	6.5	7.5	7.0	8.0	7.5	5.5	5.5	5.5	4.0	3.0	2.0	2.5	2.5	3.5	5.0	8.0
24	3.5	3.5	3.5	3.0	2.5	3.5	2.5	3.0	3.5	3.5	4.0	4.0	4.5	5.0	10.0	9.5	9.0	4.5	4.0	3.5	5.5	10.0	10.5	11.5	5.5	11.5
25	8.5	7.0	4.0	7.0	4.0	5.5	8.5	5.5	5.0	4.0	5.5	3.5	6.0	3.5	11.0	9.5	8.5	4.0	2.5	2.5	1.5	2.0	2.5	3.0	5.0	11.0
26	3.0	3.0	2.0	2.5	2.5	3.5	3.5	3.0	4.0	4.0	4.5	6.0	6.0	5.5	5.0	4.5	3.0	5.5	4.0	2.5	2.5	2.5	3.0	3.0	3.5	6.0
27	3.5	3.5	2.5	2.0	3.0	2.5	3.5	1.5	2.5	3.0	4.0	10.0	5.0	11.0	11.5	6.5	7.0	7.0	8.5	6.5	4.5	2.0	2.5	3.5	5.0	11.5
28	3.5	4.0	2.5	2.5	2.5	3.0	3.0	2.5	3.5	4.5	3.5	5.0	6.5	5.5	6.0	6.5	6.0	5.0	7.5	5.5	6.5	6.0	2.0	2.0	4.5	7.5
29	2.0	3.5	2.5	3.0	2.0	2.5	3.0	2.5	3.0	3.5	3.5	5.0	7.0	8.5	7.5	6.5	8.0	8.5	8.5	7.0	5.5	6.0	6.0	5.0	5.0	8.5
30	3.0	3.5	5.0	3.5	2.0	2.0	3.0	3.0	3.0	2.5	4.0	4.0	5.0	5.0	4.0	5.5	3.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	3.5	5.5
31	3.5	2.5	3.0	3.5	4.0	3.0	2.5	3.0	3.0	3.5	3.5	4.0	7.0	6.0	4.5	4.0	3.5	4.5	4.0	3.0	3.5	3.5	2.5	2.5	3.5	7.0
AV	3.0	3.5	3.0	3.0	3.0	3.0	3.0	2.5	3.0	3.5	4.5	5.0	5.5	5.5	5.5	5.0	5.0	4.5	4.0	3.0	3.0	3.0	2.5	3.0	3.5	[ ]
SD	1.5	1.9	1.6	1.7	1.9	1.5	1.8	1.7	1.7	2.2	2.1	2.7	1.8	2.8	3.0	2.4	2.6	2.4	2.5	2.1	1.7	1.9	1.8	1.9	1.4	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 5
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	3.0	2.5	2.5	2.5	1.5	1.5	2.0	2.5	2.5	3.5	13.0	12.5	15.5	12.0	12.5	12.0	12.0	11.5	7.0	5.0	3.0	2.5	3.5	6.0	15.5
2	5.0	2.5	2.5	3.0	3.0	3.0	2.0	2.5	2.0	2.5	4.0	3.5	4.5	4.0	8.5	8.0	6.5	5.0	3.0	3.5	2.5	3.0	2.0	3.0	3.5	8.5
3	3.0	3.0	3.0	3.5	2.5	3.0	3.0	2.5	3.5	3.5	[MT]	5.5	4.0	5.5	6.5	7.0	5.0	4.5	4.5	4.0	3.5	3.5	2.5	3.0	4.0	7.0
4	3.0	3.5	3.0	2.5	3.0	2.5	3.0	2.5	2.5	2.5	3.5	5.0	5.5	7.5	4.0	4.5	6.0	3.0	2.0	2.0	2.5	2.5	2.5	2.5	3.5	7.5
5	2.5	3.5	3.5	2.5	2.5	3.0	2.5	2.0	2.0	3.5	2.5	3.0	6.5	8.0	7.0	11.5	6.5	4.5	7.0	4.0	1.5	4.5	4.0	2.5	4.0	11.5
6	2.0	2.5	2.0	2.5	4.0	2.0	2.0	2.5	4.0	7.5	6.0	6.0	5.5	6.0	8.0	6.5	6.5	6.5	3.0	4.5	2.0	1.5	1.5	2.0	4.0	8.0
7	1.5	1.5	2.0	1.5	1.5	1.5	1.5	2.0	4.5	4.5	6.0	5.5	5.5	7.5	8.0	8.0	8.5	8.0	6.0	3.5	3.5	5.5	4.0	3.0	4.5	8.5
8	1.5	1.5	1.5	2.0	2.5	2.5	2.0	2.0	2.5	3.5	4.5	5.0	4.5	5.5	4.5	5.0	7.5	5.0	4.0	3.0	2.5	1.5	2.5	2.0	3.5	7.5
9	2.0	2.5	2.5	2.0	2.0	2.0	2.0	2.5	5.0	5.5	7.0	7.5	7.0	5.5	5.5	6.0	5.5	8.5	6.0	3.0	2.5	3.5	4.0	3.0	4.5	8.5
10	1.5	2.0	2.0	3.0	2.0	3.0	3.5	2.5	3.5	3.5	4.5	5.5	5.0	5.0	5.5	5.0	6.5	4.0	2.0	3.5	2.5	4.5	4.0	3.5	3.5	6.5
11	2.5	3.0	3.0	3.0	2.5	2.5	2.5	1.5	3.5	3.5	4.0	4.0	5.5	10.0	9.5	8.5	6.5	6.0	4.5	3.5	3.0	3.0	3.5	3.0	4.5	10.0
12	3.5	3.5	4.0	4.5	4.0	4.5	4.0	4.0	3.0	10.5	10.0	10.5	10.0	8.0	7.5	10.5	10.5	8.0	7.0	5.0	3.0	4.5	4.0	2.0	6.0	10.5
13	1.5	1.5	1.5	1.5	2.5	3.0	5.0	11.5	11.0	11.5	10.0	5.0	8.0	9.0	8.5	10.0	3.5	6.5	2.5	2.0	1.5	1.5	2.0	2.5	5.0	11.5
14	3.0	3.0	2.5	1.5	2.5	2.0	1.5	1.5	3.5	3.0	8.5	8.5	7.0	5.0	3.5	5.0	6.0	4.0	4.5	3.5	3.5	2.5	2.5	2.0	4.0	8.5
15	3.0	2.5	3.0	2.0	2.5	3.0	3.0	8.5	10.5	10.5	13.0	13.5	12.0	11.0	10.0	10.0	9.5	6.5	9.0	6.0	4.0	3.0	2.0	3.0	6.5	13.5
16	3.0	2.0	2.0	2.0	2.0	3.0	1.5	2.5	2.5	6.5	5.5	5.5	5.5	5.5	5.0	5.5	8.5	8.0	4.5	3.5	2.0	3.0	2.5	2.0	4.0	8.5
17	6.0	3.5	2.5	2.0	2.5	2.0	2.5	2.5	3.0	3.0	2.5	3.0	6.5	7.5	6.0	5.5	6.5	5.0	3.0	2.5	2.0	2.5	4.5	3.0	3.5	7.5
18	4.0	3.0	2.0	1.5	1.5	1.5	1.5	4.0	3.5	3.5	4.0	4.5	6.5	7.0	8.0	7.5	7.0	6.5	5.5	3.0	5.0	3.0	3.0	3.0	4.0	8.0
19	2.5	1.5	1.5	1.5	2.0	1.5	2.0	3.0	5.0	4.0	4.5	5.5	5.0	5.0	5.0	5.5	5.0	4.0	3.0	5.5	5.0	4.5	2.5	2.5	3.5	5.5
20	2.5	2.0	2.0	2.5	2.5	2.0	2.5	2.5	3.5	4.0	4.0	5.5	5.5	5.5	6.0	4.0	3.5	3.0	2.0	2.5	3.0	3.0	2.5	2.0	3.5	6.0
21	2.5	2.5	4.5	2.5	3.0	3.0	2.5	3.0	4.5	5.0	5.5	5.5	5.5	6.0	6.0	6.0	5.0	4.5	5.0	3.5	2.5	3.5	3.5	3.0	4.0	6.0
22	2.5	3.0	3.0	2.5	3.0	3.5	3.5	3.5	5.0	11.5	8.5	8.0	7.5	10.0	5.5	3.5	5.0	2.5	4.0	3.0	2.5	7.5	4.5	3.0	5.0	11.5
23	2.0	3.0	3.5	2.5	4.0	3.0	3.5	3.5	4.5	7.5	9.0	8.5	8.0	6.5	6.5	7.5	6.5	7.0	8.5	6.5	6.5	2.5	3.5	3.5	5.5	9.0
24	3.5	2.5	2.5	2.0	2.5	3.0	2.5	2.5	4.0	4.0	4.5	5.0	5.5	4.5	5.0	4.0	4.0	2.5	1.5	2.5	3.5	3.0	2.5	4.0	3.5	5.5
25	8.5	2.5	2.5	2.5	2.5	1.5	2.5	2.5	6.0	8.5	5.0	5.0	12.5	14.5	14.5	13.5	7.5	6.5	3.5	3.5	4.0	2.5	1.0	2.0	5.5	14.5
26	4.0	3.0	5.0	2.0	2.0	4.0	4.5	5.0	2.5	3.5	6.0	4.0	3.5	[MT]	5.0	5.5	4.0	6.5	6.5	3.0	2.0	2.0	2.5	2.5	4.0	6.5
27	2.5	1.5	3.5	3.0	4.0	1.5	2.0	4.5	5.0	3.5	4.0	5.0	5.0	5.0	5.0	5.0	5.0	8.0	8.0	4.0	2.5	2.5	2.5	3.0	4.0	8.0
28	2.0	2.5	2.5	3.0	3.0	2.0	2.0	2.5	3.5	4.0	5.0	6.0	8.0	5.5	5.0	4.0	2.5	2.0	2.5	2.0	2.0	2.5	2.0	3.0	3.5	8.0
29	2.5	2.0	2.0	1.5	2.0	2.0	3.0	5.0	5.5	5.0	4.5	6.0	6.0	6.0	5.0	12.5	9.5	10.0	6.0	2.5	3.5	5.0	3.0	3.5	4.5	12.5
30	3.5	3.5	4.0	5.0	5.0	5.0	8.0	8.5	7.5	9.0	8.5	11.5	9.0	8.5	9.5	8.5	8.5	8.5	6.0	5.0	2.0	2.0	3.5	2.5	6.5	11.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.0	2.5	2.5	2.5	2.5	2.5	3.0	3.5	4.5	5.5	6.0	6.5	7.0	7.0	7.0	7.0	6.5	6.0	5.0	3.5	3.0	3.0	3.0	3.0	4.5	[ ]
SD	1.4	.7	.9	.3	.8	.9	1.3	2.2	2.1	2.8	2.5	2.7	2.3	2.7	2.4	2.8	2.1	2.3	2.4	1.3	1.2	1.3	.9	.5	1.0	[ ]

OUTPT [VERSION N 26 APR 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	0	355	350	345	340	0	350	315	0	0	20	170	270	330	250	215	215	225	195	205	270	20	340	345	1	
2	350	345	350	355	350	345	350	340	330	50	300	150	140	[MT]	180	135	290	325	75	330	355	0	350	345	16	
3	355	350	0	350	355	310	350	355	45	0	350	140	330	145	315	155	275	270	335	325	320	345	345	350	16	
4	350	345	285	290	345	335	330	310	275	190	190	200	195	190	195	185	185	200	160	320	185	185	200	330	9	
5	210	190	185	20	10	355	350	345	355	10	5	10	20	15	15	45	25	5	5	355	355	355	355	350	[VA]	
6	355	5	350	355	350	355	355	355	10	10	60	20	10	215	310	315	310	345	190	10	130	135	100	5	1	
7	20	155	110	40	110	95	150	205	55	20	25	235	5	15	15	315	170	340	115	65	355	10	330	305	2	
8	300	330	265	280	270	305	245	350	265	340	140	145	155	150	160	225	15	10	120	0	180	220	275	145	[VA]	
9	125	270	345	45	0	280	200	165	240	15	200	345	15	315	310	205	275	285	270	275	190	245	215	330	13	
10	0	285	325	335	350	5	240	350	300	5	15	340	15	355	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1	
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	
12	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[MT]	[MT]	[MT]	320	260	285	205	315	320	190	350	310	14	
13	300	0	0	300	250	5	330	310	20	300	235	175	265	340	5	315	265	350	185	320	345	350	335	0	16	
14	355	350	355	300	285	230	270	265	245	235	175	235	280	155	345	205	195	195	310	350	10	0	0	0	1	
15	355	345	325	10	0	0	5	280	345	310	150	130	250	170	165	325	210	225	250	195	320	240	300	255	[VA]	
16	355	280	340	340	350	350	320	330	10	275	255	275	270	350	335	355	0	210	15	285	315	275	225	225	1	
17	255	285	235	260	305	350	0	300	255	250	315	325	285	280	295	305	310	325	275	335	345	355	355	340	[VA]	
18	350	350	355	355	350	350	10	345	345	315	200	195	310	315	335	300	275	235	210	245	320	340	355	5	16	
19	5	0	0	345	310	295	345	310	165	150	285	300	235	330	355	350	310	240	205	255	195	135	205	300	1	
20	330	315	310	215	195	260	335	0	5	5	355	0	10	5	10	10	10	20	25	0	340	220	235	0	[VA]	
21	5	5	0	355	345	330	355	350	350	5	30	40	40	10	355	245	330	345	340	290	350	355	0	10	1	
22	350	345	355	340	340	355	350	10	10	320	15	300	355	10	345	350	340	265	205	350	345	0	335	345	[VA]	
23	355	350	330	350	340	345	350	5	350	140	155	155	300	170	175	250	215	255	235	335	355	310	350	0	16	
24	250	315	345	225	195	220	245	210	315	345	235	220	355	255	155	325	305	315	0	5	335	350	5	355	1	
25	0	350	350	350	355	345	340	0	350	50	165	165	150	320	5	270	250	230	0	355	320	355	350	345	16	
26	0	50	355	345	330	330	335	355	20	105	160	165	305	170	210	335	270	300	350	340	330	0	345	355	[VA]	
27	5	340	5	340	355	345	355	5	350	40	80	95	340	20	20	195	230	325	315	0	245	0	355	355	[VA]	
28	0	355	350	340	345	320	10	350	350	330	255	145	325	180	270	255	225	275	340	335	310	270	15	355	16	
29	350	355	355	345	345	325	345	335	5	0	180	180	180	180	175	180	180	185	240	225	295	345	315	310	16	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	1	16	16	1	16	16	16	16	1	16	[VA]	8	1	1	[VA]	15	13	15	1	16	16	[VA]	[VA]	16	16	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	310	210	180	185	185	185	265	300	210	195	180	175	185	180	185	185	175	180	200	290	195	170	180	25	[VA]	
2	90	35	240	0	0	345	350	5	350	15	15	15	355	340	310	310	165	45	200	185	190	225	15	355	[VA]	
3	10	20	5	355	310	120	340	290	15	25	5	30	70	50	95	80	350	0	15	290	175	75	45	140	2	
4	165	195	245	140	55	70	15	10	10	30	355	10	15	35	40	15	25	40	345	65	10	350	5	330	2	
5	5	355	355	355	10	5	335	5	25	25	135	120	50	35	20	0	345	330	0	30	5	30	355	355	1	
6	0	355	0	10	355	355	355	0	0	25	70	50	240	230	25	25	5	210	20	320	15	350	340	0	[VA]	
7	355	0	350	5	345	350	355	15	345	45	55	175	280	30	20	345	355	335	30	330	15	10	350	0	1	
8	350	0	355	10	355	5	350	0	25	35	45	200	170	270	350	345	310	195	315	230	305	340	350	355	1	
9	0	355	0	355	355	350	350	5	10	45	355	165	195	300	15	345	230	230	310	355	325	20	0	350	1	
10	330	345	345	355	350	330	350	30	5	50	140	165	165	165	355	325	190	220	330	355	350	315	0	290	16	
11	235	310	345	155	320	275	290	235	335	355	45	325	240	270	185	205	285	335	300	200	185	190	180	325	15	
12	20	20	315	30	30	225	5	210	315	270	30	35	65	30	10	345	340	320	315	260	305	355	355	340	2	
13	285	345	0	5	330	310	325	340	290	60	320	20	10	355	340	335	320	310	285	350	25	350	355	330	16	
14	315	190	270	260	20	200	280	0	345	55	210	240	15	350	285	185	220	235	280	270	295	235	0	270	13	
15	350	350	325	355	340	355	310	45	35	200	195	330	345	155	275	190	180	265	295	350	290	335	350	345	16	
16	355	350	335	0	350	350	355	355	35	115	150	10	335	0	325	315	320	325	340	285	290	250	245	310	1	
17	355	350	350	0	350	350	345	350	20	95	120	270	280	285	340	0	0	330	340	315	320	345	5	5	16	
18	350	350	355	345	350	345	345	30	45	60	210	195	245	180	175	180	180	185	185	180	190	190	350	350	9	
19	315	255	350	345	330	330	250	325	270	320	275	295	300	285	225	275	285	250	270	320	355	340	5	250	15	
20	355	350	285	255	295	270	310	300	265	310	240	290	215	140	195	285	300	235	230	320	330	340	15	0	[VA]	
21	305	260	315	0	5	355	10	40	200	260	270	300	345	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1	
22	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	320	200	295	280	320	310	350	0	350	355	[VA]	
23	355	350	355	0	0	355	0	0	10	345	355	0	230	230	240	330	240	335	335	290	0	335	340	345	[VA]	
24	0	5	5	330	0	0	350	5	60	30	300	310	265	200	235	230	200	220	190	340	265	195	195	185	1	
25	185	175	210	175	245	210	310	225	250	235	280	165	160	85	30	40	45	250	170	225	260	340	350	335	[VA]	
26	340	355	10	10	10	355	0	10	240	180	300	250	210	155	315	215	200	175	205	260	310	345	350	0	1	
27	355	0	355	340	355	10	355	355	355	240	315	220	250	210	220	195	265	325	300	200	165	200	285	135	1	
28	235	315	195	350	310	0	10	25	95	130	225	295	260	270	310	305	310	300	345	350	345	15	325	30	15	
29	305	0	350	325	345	355	340	5	25	260	230	205	30	20	0	30	10	345	15	10	335	335	355	355	1	
30	285	290	225	335	10	5	15	15	15	250	210	265	210	235	125	150	150	345	330	220	230	355	5	0	1	
31	355	0	0	5	0	5	0	15	10	80	185	335	330	350	225	270	230	240	185	250	355	345	350	350	1	
PV	1	[VA]	16	[VA]	16	16	16	2	[VA]	3	10	14	13	1	2	16	15	16	15	15	1	1	1	[VA]	16	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	0	355	355	20	340	330	350	350	335	315	345	180	175	180	185	185	200	180	180	180	200	355	5	5	1	
2	245	225	0	355	355	0	0	10	10	230	150	325	305	15	15	345	330	335	330	335	355	345	330	355	[VA]	
3	330	0	330	355	0	355	0	35	105	140	[MT]	285	210	330	355	355	335	345	325	255	310	350	5	5	16	
4	0	355	5	0	5	340	5	15	25	5	285	270	350	320	280	215	165	245	325	5	5	15	300	350	1	
5	350	0	350	350	335	350	355	280	300	355	0	300	200	190	145	160	170	160	175	185	20	180	175	160	[VA]	
6	330	285	350	315	195	350	335	160	180	180	225	235	230	230	190	200	210	310	225	220	230	250	305	215	11	
7	355	0	355	350	285	10	345	350	210	200	290	270	20	25	20	25	35	30	25	355	325	335	335	355	1	
8	250	325	30	0	310	5	20	290	350	285	195	300	270	310	30	315	155	175	240	355	0	350	0	340	1	
9	345	0	350	350	295	315	10	215	260	280	235	230	245	285	245	270	225	340	315	15	245	340	335	325	16	
10	0	10	10	5	15	355	5	300	105	305	355	15	255	325	0	340	345	10	330	315	340	350	355	350	16	
11	0	5	355	0	5	355	10	345	140	270	190	270	165	175	170	180	180	180	255	335	355	350	355	350	1	
12	310	345	350	355	345	350	355	10	220	175	165	165	165	170	175	155	165	175	170	170	240	170	175	250	[VA]	
13	345	240	255	335	265	345	175	180	180	180	170	175	175	180	175	190	350	195	195	280	285	350	185	240	9	
14	340	330	330	330	285	0	335	335	200	205	250	180	175	200	285	320	345	345	335	180	195	230	255	270	16	
15	355	325	300	235	190	180	150	170	170	175	175	175	170	180	180	185	180	195	300	335	10	35	30	345	9	
16	330	185	265	5	0	0	330	275	305	165	300	280	250	270	240	205	225	180	195	205	170	335	330	180	16	
17	310	0	180	185	175	265	300	30	160	170	135	355	330	40	345	350	35	335	[VA]	165	225	240	305	270	16	
18	200	190	170	205	200	210	170	140	145	290	320	125	170	165	175	185	170	175	210	200	150	170	270	190	9	
19	230	185	165	265	0	10	200	190	145	180	185	200	190	170	175	180	205	170	215	355	355	310	245	240	9	
20	0	20	30	355	10	270	10	40	245	195	215	185	265	225	205	255	285	345	260	245	280	355	340	20	1	
21	5	340	310	350	5	15	15	15	325	205	240	235	230	295	270	270	225	310	310	335	275	305	345	345	16	
22	355	10	5	0	0	5	10	5	320	165	165	195	230	310	285	180	335	230	225	255	345	320	235	190	1	
23	250	170	270	270	270	270	345	230	270	320	310	295	310	285	310	320	340	345	345	355	275	270	350	340	16	
24	350	330	0	350	0	5	350	10	315	180	270	215	225	215	235	260	235	240	270	320	355	345	5	355	1	
25	0	350	5	325	255	295	5	10	220	305	285	270	170	170	180	320	280	315	175	170	185	240	320	185	[VA]	
26	345	215	185	250	235	165	205	175	160	170	170	205	200	[MT]	235	195	240	330	270	330	330	205	330	250	10	
27	330	305	320	245	210	155	165	160	160	270	175	260	335	25	0	340	345	350	340	290	235	325	355	5	16	
28	10	350	355	10	5	15	30	60	45	60	325	260	345	270	270	340	345	355	315	315	300	350	5	355	16	
29	355	315	340	330	260	0	215	0	30	350	290	350	345	5	290	345	10	5	15	335	35	30	355	285	1	
30	0	330	350	10	345	285	15	35	25	40	30	20	30	15	350	20	15	20	10	15	200	355	5	345	1	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	16	16	[VA]	16	[VA]	1	1	1	9	9	9	13	9	9	9	9	[VA]	16	[VA]	16	16	16	16	[VA]	1	

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        WIND SPEED @ 10M
        (MILES/HOUR)
                                          WHITE RIVER SHALE PROJECT,UTAH         ********************
                                                                                 *                  *
                                          SITE A  6                              *  PRELIMINARY DATA *
                                                                                 *  AS OF 01/JUL/76  *
                                          FEBRUARY,1976                          *                  *
                                                                                 ********************
                                          AEROVIRONMENT INC.                     *                  *
                                                                                 *    SUBJECT TO    *
                                                                                 *     REVISION     *
                                                                                 *                  *
                                                                                 ********************

                                             CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                                 P
 A                                                                                                                                 E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE    A
 E                                                                                                                                 K

 1  8.5  6.5  7.0  5.5  7.5  9.0  7.0  6.0  6.0  5.0  5.0  4.5  6.5  8.5 12.0 11.0  8.5  7.5  6.5  2.5  7.5  9.5  6.0  7.5 7.0 12.0
 2  9.0 11.5  5.0  7.0  5.5  6.5  6.5  5.5  5.0  4.0  4.5  5.0  6.5  5.5  5.5  7.0 11.0  8.0  1.5  4.5  7.5  8.5  5.0  7.5 6.5 11.5
 3  7.0  8.0  8.0  6.5  7.0  5.0  8.0  4.5  4.0  3.0  3.0  3.5  5.5  6.0  5.5  2.5  3.5  3.0  2.5  2.5  3.5  4.0  4.5  5.0 5.0  8.0
 4  3.0  4.5  5.0  8.5 11.0  9.5 20.0 24.5 24.5 24.5 23.5 23.0 24.5 24.0 20.0 24.0 19.0 12.0  5.0 15.5 24.0 24.0 22.5 22.017.5 24.5
 5 24.5 25.0 24.5 19.0 19.0 19.0 18.5 18.5 24.0 24.0 24.5 24.0 24.0 24.0 21.0 22.5 18.5 20.5 20.5 22.0 19.5 19.5 21.0 16.521.5 25.0
 6 16.0 16.5 18.0 15.5 15.5 13.5  9.0  8.0  7.5  5.0  6.0  7.0  7.5 12.5 11.0  7.5 11.0 10.5  5.0  4.0  7.5  6.5  6.5  9.510.0 18.0
 7  7.5 11.0  9.5  5.5  2.0  5.0  4.0  4.0  5.0  5.5  6.0  9.0 13.5 12.0 13.0 13.0 11.0 10.0  8.5  7.5  6.0  5.0  6.0  4.5 7.5 13.5
 8  4.5  5.5  3.5  3.0  5.0  4.5  5.0  5.0  2.5  6.0 10.0  8.0 10.0  6.0  4.5  5.5 10.0  9.5  8.0 10.0  9.0  5.0  5.0  5.5 6.5 10.0
 9  6.5  4.5  3.0  3.0  1.5  5.0  2.5  5.0  4.0  5.0  4.0  6.0 11.0 13.0 12.5  6.5 17.0 21.0 24.0 23.0 23.5 21.5  7.0  6.010.0 24.0
10  7.5 10.5  9.5  6.0  6.5  8.5  7.0  7.5  4.0  3.0 13.0  9.5  7.5 16.5 14.0 10.5  9.0  2.0  9.0 11.5 10.5  8.5 11.0 16.5 9.0 16.5
11 10.5  6.0 12.5 13.5  6.0  5.0  6.0  5.0  5.0  3.5  8.0  8.5 10.0  7.5  8.5 10.0  9.0  8.0  9.0  4.5  2.5  5.0  5.0  4.0 7.0 13.5
12  5.5  8.0  8.5  6.0  5.0  3.5  3.0  5.5  2.5  4.0  6.5 10.0 10.0  8.5  7.5  7.0 11.0  9.5  7.5  4.5  8.0  5.0  2.5  3.0 6.5 11.0
13  3.0  7.0  8.0  4.0  5.0  4.5  2.0  2.0  2.0  3.5  4.5  6.0 10.0 14.0 13.5 12.5 12.5 10.0  2.0  2.5  3.0  3.0  6.5  5.5 6.0 14.0
14  4.5  3.5  3.5  6.0  3.5  4.5  6.5  4.5  4.5  6.0  7.0  7.5  6.5  9.0  6.0 15.5 18.0 20.0 14.0  9.0 10.5 11.0 11.5 14.0 8.5 20.0
15  7.5  8.5  7.5  7.0  6.0  7.0  7.0  4.5  4.0  5.5  9.0  7.5  7.0  4.0  5.0 11.0  8.5  8.0 17.5  5.5 11.0 11.5 16.5 11.5 8.5 17.5
16 12.5 14.5 18.5 15.5 17.0 17.5 16.0 15.5 16.5 12.0 16.5 17.5 14.5 12.0 19.0 13.5 14.5  9.5  9.0 12.5 19.5 21.0 22.5 21.516.0 22.5
17 12.5 24.5 17.0 33.0 26.0 24.0 19.0 10.5  6.5 10.5 12.5 23.0 23.5 23.5 22.5 19.0 15.0  8.0  6.0 10.5  5.0  4.0  6.0  6.015.5 33.0
18  9.0  3.5  5.0 10.5  9.5 11.0 14.5 10.5 12.5 24.0 26.0 24.5 23.0 24.5 23.0 22.0 22.0  9.0 10.0  9.5 15.0 20.5 15.0 15.015.5 26.0
19  9.0  7.0  9.0  6.5  6.5  7.0  3.5  3.5  6.0 16.0 17.0  8.5  7.0  9.5  8.5 19.0 19.0 24.5 12.5 16.5 17.0 13.0 11.5 11.511.0 24.5
20 16.5 13.0 12.5 11.5  5.5 12.0  9.5 13.0 13.0 24.5 24.0 24.0 24.5 24.5 23.5 22.0 22.0 17.5 17.0 17.0  8.0  5.5 16.5 17.016.5 24.5
21 17.0 17.5 18.5 20.5 21.0 21.0 20.5 21.0 17.5  9.5  4.5  3.5  5.5  4.5  4.5  6.5  7.5  8.0  7.5  9.5 17.0 15.5 17.0 15.013.0 21.0
22 18.0 21.0 15.0  8.5 12.0 15.0 13.5 13.5  6.0  3.0  4.5  6.0  9.0  9.0  7.5  8.5  6.0  8.0  3.5  3.5  8.5 11.0 15.0 14.510.0 21.0
23 12.0 11.0 11.5 14.5 11.5 10.0 11.0  8.0  4.5  4.0  6.5  9.5  7.0  6.5  5.0  7.5  8.5 10.0  5.5  6.5  7.0  5.5  5.5  6.5 8.0 14.5
24  4.0  4.0  6.5  9.5  4.5 15.5  8.0  4.5  8.5 11.0 10.0 11.0  6.5  4.5  8.0  5.5  5.5 11.0  5.0  8.5 14.5  9.5 11.0 13.5 8.5 15.5
25  9.5 10.0 12.0 10.0 11.0  7.5  8.0  7.0  3.5  4.0  8.0  7.5  8.0  6.5  7.0  6.0  6.0  7.0 11.5  4.5  6.5  4.0 10.5 11.5 8.0 12.0
26  8.5  7.0 10.5  8.0  5.3  6.0  6.0 10.0  5.0  4.5  6.0  7.5  9.0  7.5  8.0  8.5 10.5  6.0  6.0  9.0  7.5  2.5  8.0  9.5 7.5 10.5
27  6.0  5.0  5.5  7.0  7.5  8.5  9.5  4.0  2.5  5.0  7.0  7.0 12.5  9.5  8.0  6.5  2.5  6.0  7.0 10.0  9.0  3.5 10.0 13.0 7.0 13.0
28 10.0 13.0  5.5  6.0  5.0  6.5  5.5  2.5  2.0  4.0  7.5  4.5  5.5  5.0 13.0 22.0 21.0 15.5 17.0 14.5 10.5  5.0  6.0  6.5 9.0 22.0
29  5.0 11.5 10.5  8.0 11.5 11.0  9.5  8.0  6.5 17.0 22.5 24.5 28.0 28.5 29.0 24.5 24.5 21.0 21.0 21.5 20.0 16.5 20.0 11.517.0 29.0
30 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

AV  9.5 10.5 10.0 10.0  9.0  9.5  9.0  8.5  7.5  9.0 10.5 11.0 12.0 12.0 12.0 12.5 12.5 11.0  9.5  9.5 11.0 10.0 10.5 10.510.5 [  ]
SD  5.0  5.8  5.3  6.2  5.8  5.3  5.3  5.5  6.0  7.1  7.0  7.1  6.9  7.3  6.8  6.6  5.9  5.5  5.9  5.9  5.9  6.4  5.8  5.1 4.2 [  ]

OUTPT  [VERSION N   26 APR 76]
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WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.5	17.0	27.0	23.0	23.5	23.0	17.0	16.5	23.5	32.5	34.5	35.5	31.5	41.5	38.0	41.0	35.0	33.0	30.5	26.0	16.5	6.5	8.0	7.5	25.0	41.5
2	3.5	9.5	14.5	19.0	19.0	11.0	6.5	9.0	10.5	15.5	14.0	12.5	12.0	8.5	16.0	17.0	12.0	8.5	18.5	6.0	7.5	6.5	10.5	10.0	11.5	19.0
3	14.0	17.0	11.0	8.5	11.5	5.5	6.5	4.5	5.0	3.0	5.5	3.5	5.0	5.5	5.0	7.5	15.5	9.0	6.0	6.5	7.0	5.5	7.0	7.0	7.5	17.0
4	7.0	6.5	7.5	13.0	13.0	12.0	8.5	3.5	3.0	3.0	10.0	13.5	11.0	9.5	7.0	8.5	8.5	11.5	6.5	8.0	7.5	3.0	4.0	5.0	8.0	13.5
5	8.0	13.0	18.5	16.5	17.0	16.5	15.5	13.5	11.0	5.5	4.5	3.0	5.0	4.0	3.0	4.5	9.5	7.5	6.0	8.0	13.0	10.5	10.5	15.0	10.0	18.5
6	15.5	14.0	7.5	12.0	10.0	7.5	8.0	8.0	6.5	6.5	5.0	6.5	5.5	6.5	4.5	5.0	3.5	3.5	2.5	7.5	11.5	11.0	8.0	5.5	7.5	15.5
7	8.0	9.0	9.0	10.0	7.5	7.0	6.0	5.0	4.0	4.0	4.5	4.0	5.5	4.0	3.0	3.5	5.0	6.0	5.5	5.5	6.0	5.5	7.5	10.5	6.0	10.5
8	10.5	9.0	9.0	8.0	6.0	5.0	6.0	6.0	5.0	4.5	5.5	6.5	5.0	7.0	7.5	8.0	8.5	8.5	6.0	2.0	6.0	6.5	9.5	12.5	7.0	12.5
9	11.5	5.5	5.5	5.0	5.5	5.0	5.0	5.0	3.5	5.0	4.0	7.0	7.0	8.0	9.0	8.5	7.5	6.5	6.0	2.0	7.5	7.0	6.5	5.0	6.0	11.5
10	7.0	6.0	7.5	7.5	5.5	3.5	6.5	4.5	4.5	4.0	5.5	9.0	11.0	11.5	9.5	9.5	9.5	8.5	6.5	3.5	6.0	8.5	9.5	8.5	7.5	11.5
11	7.5	5.5	6.0	6.0	17.0	22.5	19.5	12.0	5.5	9.5	13.5	17.0	20.5	17.0	15.5	21.5	27.0	34.0	28.0	21.0	12.5	7.5	5.5	7.0	15.0	34.0
12	18.5	24.0	25.0	33.5	27.0	23.5	23.0	21.5	21.0	21.0	17.0	13.0	11.0	9.0	7.5	6.5	5.0	7.0	8.5	3.5	7.5	9.0	13.5	15.0	15.5	33.5
13	15.5	8.5	10.0	13.0	8.0	6.5	7.0	7.0	5.0	4.5	4.5	7.0	11.0	14.5	13.0	8.0	10.0	9.0	9.5	5.0	4.5	6.5	7.5	6.0	8.5	15.5
14	8.5	6.5	4.0	6.5	3.5	2.5	4.5	3.0	5.5	4.5	7.5	6.5	6.0	7.5	12.5	15.5	18.5	22.5	24.5	27.0	20.0	9.0	5.0	11.5	10.0	27.0
15	9.5	9.0	13.0	13.0	10.0	8.0	9.5	5.0	5.5	12.0	9.0	6.0	8.0	8.5	8.0	5.0	4.0	4.5	6.5	6.5	15.0	12.0	11.0	10.0	8.5	15.0
16	12.5	16.0	15.5	14.5	13.0	9.0	8.5	6.5	5.0	4.0	9.5	7.0	8.0	10.0	8.5	5.5	6.0	6.0	8.0	6.5	10.0	7.0	12.0	11.0	9.0	16.0
17	9.0	8.0	12.5	12.5	8.5	8.0	7.5	5.5	3.5	6.0	5.5	5.5	6.0	9.5	9.5	7.5	7.0	7.5	8.5	7.5	11.5	13.0	14.5	11.0	8.5	14.5
18	4.5	5.0	8.5	11.5	8.0	8.5	10.0	6.0	4.5	5.5	8.0	6.5	9.0	23.5	25.0	24.5	24.0	18.5	21.0	24.0	24.0	23.5	18.5	19.0	14.0	25.0
19	21.5	21.5	21.5	19.0	24.5	30.0	35.0	34.5	35.0	36.5	38.0	40.5	39.0	36.0	30.0	34.5	30.5	27.0	25.0	24.0	25.5	20.5	14.0	7.5	28.0	40.5
20	17.0	22.5	24.5	25.0	24.0	25.0	25.0	24.5	24.0	23.0	22.5	22.0	18.5	13.5	15.5	12.5	13.0	19.5	16.5	14.5	11.0	7.0	6.0	8.5	18.0	25.0
21	12.0	9.5	10.5	14.5	11.5	7.5	10.0	11.5	23.0	28.5	32.0	26.5	31.0	35.0	32.0	25.0	25.0	25.0	24.5	13.0	8.0	12.5	16.5	18.5	19.5	35.0
22	12.5	10.5	12.0	12.5	11.5	12.5	10.5	4.5	7.0	4.5	7.0	8.5	8.5	11.0	8.0	13.0	23.5	23.0	13.0	14.0	19.0	16.5	7.0	6.5	11.5	23.5
23	12.0	10.5	13.5	8.0	9.0	7.5	7.0	7.0	8.0	16.5	19.0	21.0	22.0	25.5	24.0	24.0	24.0	22.0	20.0	5.5	4.5	5.5	7.0	11.5	14.0	25.5
24	17.0	17.0	11.5	10.0	10.5	10.5	8.5	10.5	6.5	7.0	12.0	14.0	16.5	17.0	23.5	24.5	22.5	21.5	22.5	18.5	22.0	27.0	30.0	31.0	17.0	31.0
25	24.5	24.0	22.5	24.0	22.5	22.0	21.5	24.5	24.5	25.0	16.0	12.0	13.0	11.5	21.5	20.5	20.5	15.0	11.0	13.5	7.0	8.0	11.5	13.5	18.0	25.0
26	15.0	15.5	17.0	18.5	18.5	20.0	22.0	21.0	16.0	11.0	12.0	16.0	15.0	11.0	11.5	11.5	12.5	20.5	21.5	17.5	13.5	8.0	5.5	6.5	15.0	22.0
27	4.5	5.0	6.0	7.0	7.0	6.5	8.0	8.0	7.0	11.0	25.0	22.0	25.5	26.0	27.0	24.5	24.5	24.5	25.0	12.0	10.0	14.5	10.5	17.0	15.0	27.0
28	12.5	19.5	11.0	6.0	7.0	15.0	16.0	12.5	9.5	11.0	10.5	14.0	17.0	12.0	13.0	16.5	16.0	14.0	19.0	12.5	9.5	7.5	8.0	6.5	12.5	19.5
29	5.5	9.0	10.5	8.5	5.5	7.5	7.5	8.5	6.0	6.5	10.0	17.0	19.0	18.0	18.5	16.5	19.5	21.0	16.0	13.0	13.5	10.0	8.5	7.5	12.0	21.0
30	9.0	11.5	6.0	9.5	14.0	17.0	19.0	16.0	7.5	8.5	12.0	16.0	15.5	12.5	11.0	9.5	7.0	6.0	9.0	9.5	12.0	14.5	13.5	14.0	11.5	19.0
31	15.5	8.5	13.0	14.0	11.0	12.5	9.5	4.5	6.0	6.0	8.5	10.5	8.5	11.5	11.0	12.0	12.5	18.5	22.0	15.5	20.5	10.5	5.5	12.0	11.5	22.0
AV	11.5	12.0	12.5	13.0	12.5	12.0	12.0	10.5	10.0	11.0	12.5	13.0	14.0	14.5	14.5	14.5	15.0	15.0	14.5	11.5	12.0	10.5	10.0	11.0	12.5	[ ]
SD	5.0	5.8	6.1	6.5	6.4	7.2	7.2	7.5	8.1	9.1	9.0	8.8	8.6	9.4	8.9	9.1	8.5	8.6	8.1	7.1	5.7	5.4	5.0	5.3	5.2	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	14.5	11.0	10.5	7.0	9.5	8.5	10.5	6.0	7.0	14.5	28.5	29.0	32.0	30.5	35.0	33.0	36.5	32.5	23.0	20.0	20.0	16.5	8.0	20.5	19.5	36.5
2	12.0	15.0	18.0	16.5	16.0	12.0	13.5	12.0	7.0	5.5	9.0	8.0	9.5	15.0	19.0	14.0	11.0	11.5	9.5	7.5	16.0	19.0	18.0	17.5	13.0	19.0
3	16.0	13.5	13.0	17.0	15.5	13.5	12.0	9.5	5.0	5.5	8.0	10.0	11.0	14.0	11.5	16.0	15.0	11.5	11.0	9.0	12.0	21.5	17.0	15.0	12.5	21.5
4	14.0	11.0	17.0	14.5	13.0	9.5	11.0	9.5	6.5	6.5	8.5	10.0	10.0	12.0	10.5	11.0	22.5	12.0	7.0	12.0	16.5	13.0	11.0	13.5	12.0	22.5
5	13.5	14.5	10.0	8.0	9.5	10.0	10.5	7.0	8.5	13.5	5.5	10.0	15.0	24.5	20.5	24.5	20.0	14.5	22.0	8.0	6.0	16.0	16.5	19.0	13.5	24.5
6	19.5	9.0	4.5	15.5	19.0	15.0	13.5	6.0	15.0	23.0	23.0	23.0	24.0	24.5	25.0	24.5	24.0	22.5	17.5	21.0	14.5	10.0	12.0	13.0	17.5	25.0
7	13.0	12.0	13.0	11.5	11.5	12.5	12.5	8.5	14.5	9.5	10.0	9.5	10.0	15.0	17.5	19.0	20.0	19.0	21.0	19.5	10.0	8.5	8.5	4.5	13.0	21.0
8	5.5	5.0	5.0	8.0	13.5	14.0	9.5	6.5	5.5	6.0	8.5	8.5	9.5	9.5	16.0	12.5	22.0	18.0	12.5	5.5	7.0	16.0	10.0	9.0	10.0	22.0
9	16.0	16.5	6.5	11.0	12.5	7.0	6.5	6.5	12.5	21.5	23.5	24.0	21.5	20.5	21.0	23.0	23.0	24.0	23.5	22.0	13.0	5.5	10.0	14.0	16.0	24.0
10	17.0	17.0	17.0	16.0	13.5	10.0	15.5	9.0	6.0	8.0	9.0	9.0	9.5	11.0	9.5	10.5	12.5	12.0	6.5	7.0	8.5	15.5	15.0	10.5	11.5	17.0
11	16.0	14.5	13.0	14.0	13.0	16.0	11.0	4.5	4.5	7.0	8.0	9.5	8.5	20.0	22.5	23.0	24.0	22.0	20.0	12.0	17.0	13.0	15.5	16.0	14.5	24.0
12	17.0	11.5	9.0	12.0	16.0	13.5	7.5	9.0	15.0	25.0	24.0	29.0	24.5	24.0	21.5	23.0	24.5	33.5	27.5	23.0	26.5	26.5	24.5	23.5	20.5	33.5
13	22.5	21.5	19.5	17.0	16.0	16.5	11.0	17.0	27.0	24.5	24.5	24.0	22.0	24.0	24.5	24.5	24.5	22.0	21.0	9.5	8.5	7.0	6.0	8.0	18.5	27.0
14	9.0	9.0	6.5	7.5	7.5	6.5	5.0	3.5	13.5	8.0	14.0	22.0	22.0	23.5	20.5	10.5	15.0	12.0	13.5	21.0	21.0	6.0	6.5	6.0	12.0	23.5
15	17.0	12.0	17.0	9.0	11.5	20.0	17.0	21.0	24.0	25.0	26.5	25.5	26.0	24.5	24.5	24.5	24.5	24.5	23.5	12.5	9.0	8.0	8.0	6.5	18.5	26.5
16	7.5	8.0	5.5	5.0	9.0	5.5	4.5	5.0	12.0	15.5	17.0	20.5	17.0	17.0	19.5	14.5	21.5	24.0	19.0	16.5	12.5	5.0	9.0	8.5	12.5	24.0
17	12.5	8.5	6.5	6.5	6.0	8.5	9.5	10.0	10.0	10.5	4.5	8.0	19.5	14.5	13.5	13.0	12.5	11.0	12.5	9.0	7.0	8.0	12.5	15.5	10.5	19.5
18	13.5	11.5	17.0	11.5	9.5	6.0	14.0	16.0	10.5	9.0	6.0	5.5	14.5	17.0	23.5	20.5	22.5	21.5	13.5	13.5	19.5	22.5	20.0	9.0	14.5	23.5
19	4.0	7.5	12.0	14.0	6.5	3.0	4.5	5.0	6.5	7.5	15.0	12.5	9.5	9.5	9.5	9.5	8.5	6.0	5.5	10.0	12.0	6.5	15.0	5.5	9.5	15.0
20	9.0	13.5	11.5	11.0	12.0	10.0	10.0	11.0	10.5	9.5	13.0	12.0	15.0	14.5	9.0	9.0	8.0	8.0	14.5	15.5	12.5	16.5	12.0	8.5	11.5	16.5
21	9.0	8.5	15.5	12.0	13.0	9.0	7.0	9.0	8.0	11.5	16.0	23.0	24.5	23.0	22.5	22.0	22.0	17.5	17.0	12.5	7.0	17.5	19.5	21.5	15.5	24.5
22	12.5	14.5	8.5	6.5	6.5	5.0	5.5	8.5	21.0	24.0	24.5	24.5	24.5	26.5	17.0	9.0	9.0	11.5	21.0	16.5	18.5	24.0	21.0	19.5	16.0	26.5
23	7.0	8.0	20.0	16.5	17.0	18.0	17.0	21.5	21.5	23.0	24.5	26.0	29.0	25.0	24.5	24.0	22.0	20.5	22.0	14.5	10.5	7.0	8.5	12.0	18.5	29.0
24	11.5	15.5	17.0	20.5	19.0	18.5	12.0	7.5	6.5	7.5	8.0	10.5	10.0	10.5	13.5	9.5	7.0	7.5	5.0	9.5	17.0	16.0	8.0	4.5	11.5	20.5
25	6.0	10.5	6.0	7.0	6.0	6.0	8.5	5.5	18.5	21.5	22.0	16.5	19.0	36.0	39.5	38.0	35.0	27.5	14.5	15.0	14.0	10.5	6.5	5.0	16.5	39.5
26	18.5	18.5	19.0	16.5	13.5	19.5	20.5	20.5	14.5	10.0	18.0	15.0	17.0	17.0	18.5	18.5	17.5	19.5	13.0	10.5	7.0	5.0	6.5	9.0	15.0	20.5
27	6.0	10.5	11.0	7.5	10.0	7.5	8.0	8.5	5.5	7.5	8.0	10.0	8.0	10.0	8.0	11.0	9.0	17.0	19.5	8.5	4.5	11.5	13.0	16.0	10.0	19.5
28	11.5	11.0	15.5	17.0	17.0	12.5	9.0	6.5	6.0	8.0	10.0	11.0	15.0	15.0	16.5	12.0	10.5	11.5	12.0	9.0	8.5	16.0	14.5	7.0	12.0	17.0
29	7.0	6.0	8.5	6.5	7.5	10.5	10.5	6.5	8.5	9.0	9.5	10.5	11.5	15.5	15.5	17.0	23.0	22.0	23.5	16.0	11.0	7.5	21.0	19.0	12.5	23.5
30	16.5	17.0	17.0	23.0	18.0	11.5	14.5	18.0	19.0	19.0	20.0	20.0	20.0	17.0	16.0	16.5	17.0	19.0	16.0	11.5	8.5	8.5	13.0	16.0	16.5	23.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	12.5	12.0	12.5	12.0	12.5	11.0	10.5	10.0	11.5	13.0	15.0	16.0	17.0	18.5	19.0	18.0	19.0	18.0	16.5	13.5	12.5	13.0	13.0	12.5	14.0	[ ]
SD	4.6	3.8	4.8	4.6	3.9	4.5	3.8	5.1	6.1	6.9	7.3	7.3	6.8	6.5	7.1	7.2	7.4	6.9	6.0	4.8	5.2	5.9	5.0	5.5	3.0	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.5	5.0	5.5	4.0	4.5	7.0	4.5	2.5	3.0	2.5	3.0	3.0	4.0	5.5	7.5	6.5	5.0	5.0	4.0	2.0	5.0	6.5	4.5	4.0	4.5	7.5
2	7.0	7.5	3.0	4.5	4.0	3.5	5.0	3.5	3.0	2.5	2.5	3.0	4.0	3.5	3.5	4.0	7.0	6.0	1.5	2.0	4.0	4.0	3.0	5.0	4.0	7.5
3	3.5	5.0	5.5	4.0	4.5	4.0	4.5	5.0	5.0	1.5	2.0	2.0	3.0	3.5	3.5	2.0	2.5	2.0	1.5	2.0	3.0	3.0	2.5	2.5	3.0	5.5
4	2.5	2.5	3.5	5.0	7.5	6.0	18.5	21.5	19.5	20.0	19.0	18.0	21.5	20.5	15.0	20.5	14.0	8.5	4.5	12.5	20.0	20.0	18.5	16.5	14.0	21.5
5	20.5	22.0	21.0	14.0	10.0	13.0	12.5	12.5	17.5	18.0	19.5	18.5	17.0	16.5	15.0	15.0	11.5	13.0	13.5	14.0	12.0	12.5	13.0	10.0	15.0	22.0
6	10.0	10.0	11.0	9.5	9.0	8.0	5.5	4.5	4.5	3.0	3.5	4.5	5.0	7.5	6.5	4.5	6.5	6.5	4.0	3.0	4.5	4.0	3.5	5.0	6.0	11.0
7	4.0	6.0	5.0	3.5	2.0	3.0	2.5	2.5	3.0	3.5	3.5	6.5	8.5	7.0	7.5	7.5	6.5	6.0	5.0	5.0	4.5	4.0	4.0	3.5	5.0	8.5
8	3.0	3.5	2.5	2.0	2.5	3.5	2.0	3.0	2.0	3.0	5.5	4.5	6.0	4.0	3.0	3.5	5.5	5.5	5.0	6.0	5.5	3.0	3.0	3.0	4.0	6.0
9	4.0	3.0	2.5	2.0	1.5	3.0	2.0	3.0	2.5	3.0	2.5	4.0	6.5	7.5	7.5	4.0	14.0	18.5	20.5	18.0	19.0	16.5	4.0	5.0	7.5	20.5
10	6.0	9.5	9.0	6.0	5.0	8.0	7.0	7.0	4.0	3.5	7.5	6.0	5.0	10.5	9.0	6.5	5.5	2.0	6.0	8.5	7.5	7.5	8.0	11.0	7.0	11.0
11	8.0	3.5	6.5	7.5	5.0	5.0	3.5	4.0	3.5	2.5	5.0	5.0	6.0	5.0	5.5	6.5	5.5	5.0	6.0	3.5	2.5	4.0	3.5	2.5	5.0	8.0
12	2.5	6.0	7.0	4.0	4.0	2.5	2.5	2.5	2.0	2.5	4.0	6.0	6.0	5.5	4.5	4.5	6.5	6.0	5.0	3.5	5.5	3.5	2.0	2.0	4.0	7.0
13	2.5	4.5	6.0	3.5	2.0	3.0	2.5	2.5	2.0	2.0	3.0	4.0	6.0	8.0	8.0	7.5	7.5	6.5	2.5	2.0	2.0	2.5	3.0	3.0	4.0	8.0
14	3.5	3.0	3.0	3.5	2.5	2.5	4.0	2.5	3.0	3.5	4.0	4.5	4.0	5.5	4.5	12.0	12.0	13.0	9.5	7.0	8.0	8.5	8.0	7.5	6.0	13.0
15	6.0	4.5	4.5	5.0	4.0	3.5	5.0	2.5	2.5	3.5	5.0	4.5	4.5	2.5	3.5	6.5	5.5	6.5	12.5	4.5	7.5	8.0	11.5	7.5	5.5	12.5
16	6.5	8.5	12.0	9.5	11.5	12.0	10.5	11.0	10.5	7.5	10.0	11.0	9.0	7.5	14.5	8.5	9.5	6.5	7.5	10.0	14.5	16.5	17.0	16.5	11.0	17.0
17	10.0	21.0	12.5	24.5	22.0	19.0	13.0	6.5	4.5	7.0	9.0	16.5	16.5	18.5	17.0	13.5	10.0	6.5	4.0	6.5	4.0	2.5	3.5	4.0	11.5	24.5
18	6.5	2.5	3.5	4.0	9.5	6.5	7.0	11.5	6.5	8.5	20.0	21.5	23.0	20.5	21.5	20.0	18.5	19.0	6.5	7.0	6.5	10.0	12.5	9.5	12.0	23.0
19	5.5	5.0	5.0	5.5	4.0	4.0	4.0	3.0	2.5	3.5	8.5	10.0	5.0	5.0	6.5	6.0	11.5	12.5	19.0	8.5	8.5	12.0	10.0	8.5	7.0	19.0
20	11.0	8.5	7.0	6.5	3.5	8.5	6.5	8.5	8.5	19.0	18.0	18.5	19.0	20.5	18.5	17.0	16.5	13.5	14.0	12.5	6.0	5.5	8.0	9.5	12.0	20.5
21	9.5	10.5	9.5	10.0	11.0	11.0	10.0	10.5	10.0	5.5	3.0	2.5	3.5	2.5	2.5	4.0	5.0	5.5	7.0	5.5	10.0	9.0	9.0	8.0	7.5	11.0
22	9.0	10.0	9.5	4.5	6.0	8.5	8.0	8.0	3.5	2.0	2.5	3.5	5.5	5.5	4.5	5.5	4.0	5.5	3.5	1.5	5.0	8.5	9.0	8.0	6.0	10.0
23	7.0	6.5	7.0	8.0	6.5	6.5	7.0	5.0	3.0	2.5	4.0	5.5	4.5	4.0	3.5	4.5	5.5	6.0	4.0	3.5	5.5	3.0	4.0	3.5	5.0	8.0
24	3.0	3.5	4.5	5.5	3.0	8.0	3.5	3.5	6.5	6.5	6.0	6.5	4.0	3.0	5.0	3.5	3.5	7.5	3.0	4.5	11.0	8.0	9.5	10.0	5.5	11.0
25	8.0	7.5	7.5	8.0	6.5	4.5	7.0	3.5	2.0	2.5	4.5	5.0	5.0	4.5	4.5	3.5	3.5	4.5	8.0	4.5	4.5	3.0	7.0	9.5	5.5	9.5
26	5.5	3.5	6.0	6.0	3.5	3.0	4.0	4.5	3.0	2.5	4.0	4.5	5.5	4.5	5.0	5.5	6.5	5.0	4.5	4.5	5.0	3.0	4.0	7.5	4.5	7.5
27	3.5	4.0	4.0	5.0	6.5	6.5	7.5	2.5	1.5	3.0	4.0	4.5	8.0	5.5	5.0	4.0	2.0	4.5	5.0	7.5	7.5	3.5	6.5	9.0	5.0	9.0
28	7.0	8.5	4.5	3.5	4.0	3.0	4.5	3.0	2.0	2.5	4.5	3.0	3.5	3.0	9.5	16.5	16.0	12.0	15.5	9.0	7.0	4.0	4.0	5.0	6.5	16.5
29	3.5	6.5	7.0	5.5	6.5	7.5	6.0	5.0	3.5	12.5	17.0	20.0	22.0	22.0	22.5	20.5	20.0	16.5	15.5	16.0	15.0	12.0	15.0	8.0	12.5	22.5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.5	7.0	6.5	6.5	6.0	6.5	6.0	5.5	5.0	5.5	7.0	8.0	8.5	8.0	8.5	8.5	8.5	8.0	7.5	6.5	7.5	7.0	7.5	7.0	7.0	[ ]
SD	3.6	4.6	3.8	4.3	4.1	3.7	3.7	4.2	4.3	5.2	5.7	6.0	6.1	6.2	5.7	5.6	4.9	4.5	5.1	4.3	4.5	4.7	4.5	3.7	3.3	[ ]

OUTPT [VERSION N 26 APR 76]

```
WIND SPEED @ 20M
(MILES/HOUR)

                                        WHITE RIVER SHALE PROJECT,UTAH          ********************
                                                                                *                  *
                                        SITE A  6                               *  PRELIMINARY DATA *
                                                                                *  AS OF 01/JUL/76 *
                                        MARCH,1976                              *                  *
                                                                                ********************
                                        AEROVIRONMENT INC.                      *                  *
                                                                                *    SUBJECT TO    *
                                                                                *     REVISION     *
                                                                                *                  *
                                                                                ********************

                               CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                                    P
  A                                                                                                                                                    E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23  AVE   A
  E                                                                                                                                                    K

  1   6.5  13.5  22.0  17.5  17.5  17.5  12.0  11.5  19.0  24.0  24.5  24.5  23.5  32.5  28.5  34.0  24.5  24.5  23.5  21.0  10.5   4.5   5.0   5.018.5  34.0
  2   2.5   6.0  10.0  13.0  12.5   7.0   4.0   5.5   6.5   9.5   9.0   8.0   7.5   5.5  10.0  10.5   7.0   5.0  12.0   4.0   4.5   4.0   6.5   6.0 7.5  13.0
  3   9.0  10.0   7.0   4.5   7.0  14.5    .5   8.5  12.0   5.0   3.0   2.0   3.0   3.5   3.5   4.5   9.5   5.5   3.5   3.5   4.0   3.0   4.0   4.0 5.5  14.5
  4   3.5   3.5   4.0   7.0   7.0   6.5   5.0   2.0   2.0   2.0   6.5   8.5   7.0   6.0   4.5   5.5   5.5   7.5   4.0   5.0   5.5   2.0   2.0   3.0 5.0   8.5
  5   5.0   8.0  11.5   9.5  10.0  10.0  11.0   6.5   7.5   2.5   2.5   1.5   3.0   2.5   2.0   3.0   6.0   4.5   3.5   5.0   7.0   7.0   6.0   8.0 6.0  11.5
  6   9.0   9.5   6.0   8.5   1.5   1.5   5.0   4.5   4.5   3.5   3.0   4.0   3.5   4.0   3.0   3.0   2.5   2.5   1.5   5.0   7.0   7.0   4.0   3.0 4.5   9.5
  7   5.0   6.0   6.5   5.0   6.5   4.5   5.5   5.5   2.0   2.5   3.0   3.0   3.5   2.5   2.5   2.5   3.0   4.0   4.0   4.0   3.5   3.0   3.0   6.5 4.0   6.5
  8   7.0   6.0   5.0   5.0   3.5   4.0   3.5   3.0   3.0   3.0   3.5   4.0   3.5   4.5   4.5   5.0   5.5   5.5   4.0   1.5   3.0   3.5   6.0   6.5 4.5   7.0
  9   7.5   5.0   3.5   3.0   4.0   3.0   3.0   3.0   2.0   3.0   2.5   4.5   4.5   5.0   5.5   5.5   5.0   4.0   4.0   1.5   4.5   5.5   4.5   3.0 4.0   7.5
 10   4.5   3.5   4.0   5.5   3.5   2.0   4.0   3.5   2.5   2.5   3.5   5.5   7.0   7.5   6.0   6.5   6.0   6.0   4.5   2.5   6.0   6.0   7.0   5.5 5.0   7.5
 11   5.0   3.0   4.0   3.5  11.5  16.0  13.5   8.0   4.0   6.5   9.5  12.0  16.0  12.5  10.0  15.5  21.5  24.0  22.5  15.5   8.0   5.0   4.0   4.510.5  24.0
 12  12.5  18.0  21.5  24.5  22.5  17.5  17.0  14.0  14.0  14.0  11.0   8.5   7.5   6.0   4.5   4.5   4.0   5.0   6.0   3.0   4.5   6.0   7.5   8.511.0  24.5
 13   9.0   5.5   6.0   8.5   5.0   3.5   4.0   4.0   3.0   3.0   3.5   4.5   7.5   9.5   8.5   5.5   7.0   6.0   6.5   3.5   3.0   4.5   5.0   4.0 5.5   9.5
 14   6.0   4.5   3.0   4.5   3.0   2.0   3.0   3.0   3.5   3.0   4.5   4.5   4.0   5.0   9.0  11.0  15.0  17.5  20.0  21.5  14.0   6.5   3.5   8.0 7.5  21.5
 15   6.5   6.5   8.5   8.5   7.0   5.0   6.5   4.0   4.0   7.5   6.0   4.0   5.5   5.5   6.0   3.5   3.0   3.0   4.5   5.0  10.0   9.5   7.5   7.0 6.0  10.0
 16   8.5  10.5  10.0   9.5   9.5   7.5   5.5   4.0   3.0   3.0   6.5   4.5   5.5   6.5   5.5   3.5   4.0   4.0   6.0   4.5   7.0   5.5   8.0   8.5 6.5  10.5
 17   6.0   5.5   8.5   9.5   5.0   5.0   5.0   4.0   2.0   3.5   3.5   3.5   3.5   6.0   6.0   5.0   4.5   5.5   6.5   5.5   8.5   9.5  10.0   8.0 6.0  10.0
 18   4.0   3.5   6.0   8.5   5.0   5.0   7.0   3.5   3.0   3.5   5.0   4.0   6.0  19.5  21.0  19.5  19.0  12.5  15.5  18.5  19.0  18.0  13.0  14.510.5  21.0
 19  16.5  16.5  15.5  14.0  20.0  22.5  25.0  25.0  25.5  25.0  29.0  33.0  31.0  24.5  23.0  25.0  23.0  22.0  21.0  18.5  22.0  14.5   8.5   5.021.0  33.0
 20  11.0  15.0  19.0  20.0  18.0  20.5  20.5  18.5  17.0  16.5  15.0  14.5  12.0   8.5  10.0   7.5   8.0  13.0  11.5   9.5   7.0   4.5   5.0   5.513.0  20.5
 21   7.5   6.0   6.5   9.0   7.5   5.5   6.5   7.5  17.0  22.0  24.0  21.5  22.5  24.5  23.5  20.5  20.0  20.5  19.0   9.5   5.0   8.5  10.0  12.014.0  24.5
 22   9.0   9.0   9.0   8.5   7.0   7.0   6.0   2.5   4.0   3.0   4.5   5.5   5.5   6.5   5.0   9.0  17.5  17.0   9.0  10.0  12.5  11.0   3.5   4.0 7.5  17.5
 23   8.5   7.0   9.5   5.5   7.0   4.5   4.0   4.0   5.0  12.5  13.5  15.0  17.5  21.5  19.0  19.5  19.5  16.5  15.0   4.5   3.5   3.5   5.0   7.010.5  21.5
 24  11.0  11.0   7.5   7.5   6.5   7.0   7.5   6.5   4.0   4.5   8.0   9.5  10.5  12.0  17.0  19.5  16.5  15.5  16.0  13.0  18.0  22.0  23.0  23.512.5  23.5
 25  20.5  19.5  17.5  19.0  17.0  16.5  15.0  19.5  20.0  21.0  11.0   7.5   7.5   7.0  15.5  13.5  14.0   9.0   6.5   8.0   4.5   5.0   7.0   8.513.0  21.0
 26   9.0   9.0  10.0  11.0  10.5  11.5  13.0  11.5   9.0   7.0   7.5  10.0   9.0   7.0   7.5   7.0   8.0  14.5  15.0  11.0   8.5   5.5   4.5   4.0 9.0  15.0
 27   2.5   3.0   4.0   5.0   4.0   4.5   5.5   5.5   4.5   7.0  20.5  18.0  21.0  21.5  21.5  19.5  19.0  19.0  21.0   8.0   6.5   9.0   7.0  11.011.0  21.5
 28   8.0  13.0   7.0   3.5   5.0   9.0   9.5   7.0   6.0   7.0   6.5   8.5  11.0   7.5   9.5  10.5  10.5   9.5  13.5   8.5   6.0   4.0   5.5   3.5 8.0  13.5
 29   3.5   4.0   6.5   5.0   1.0   4.5   5.0   5.0   3.5   4.0   6.0  11.0  13.5  12.5  12.5  11.0  13.0  15.0  10.5   8.0   9.0   7.0   6.0   5.0 7.5  15.0
 30   6.0   8.0   4.5   6.0   8.5  10.0  11.0   9.0   4.5   5.0   7.5  10.0  10.0   8.0   7.0   6.0   4.5   3.5   6.0   6.5   7.5  10.0   9.5   9.0 7.5  11.0
 31  10.5   7.0   9.5  11.0   8.5   9.0   5.5   2.5   3.5   3.5   5.5   6.5   8.5   7.5   7.0   7.5   8.0  13.0  16.0  10.0  14.0   7.5   5.0   8.0 8.0  16.0

 AV   8.0   8.5   9.0   9.0   8.5   8.5   8.0   7.0   7.0   7.5   8.5   9.0   9.5  10.0  10.0  10.5  11.0  11.0  10.5   8.0   8.0   7.0   6.5   7.0 8.5 [   ]
 SD   3.8   4.4   5.1   5.2   5.4   5.7   5.5   5.4   6.3   6.8   6.9   7.0   6.9   7.5   7.1   7.6   6.7   6.7   6.6   5.5   4.8   4.3   3.8   4.0 4.1 [   ]

OUTPT  [VERSION N   26 APR 76]
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WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.0	6.5	7.0	4.5	4.0	4.0	5.0	3.5	4.5	11.0	22.5	23.0	24.0	24.0	25.0	24.5	25.5	24.0	18.5	14.5	15.0	12.0	5.5	14.5	14.0	25.5
2	7.5	9.5	12.0	10.5	10.5	8.0	8.0	6.5	4.0	3.5	6.0	5.0	6.0	9.5	13.0	9.0	7.0	7.5	6.5	5.0	10.5	12.5	11.5	12.0	8.5	13.0
3	11.0	10.0	9.5	10.5	8.5	10.0	7.5	6.0	3.0	3.5	5.0	6.5	7.0	9.5	7.5	10.5	10.5	7.5	7.5	6.0	8.0	13.5	11.0	10.5	8.5	13.5
4	9.5	8.5	11.0	9.5	8.0	5.5	7.0	6.5	3.5	4.0	5.5	6.5	6.5	8.0	7.0	8.0	16.5	7.5	5.0	8.5	11.0	9.0	7.5	9.5	8.0	16.5
5	8.5	9.5	6.0	5.0	6.0	6.0	6.5	5.0	5.0	8.0	3.0	6.5	10.5	20.0	15.0	20.5	14.0	9.0	17.0	5.5	4.0	11.0	10.5	12.0	9.5	20.5
6	13.0	5.5	3.5	10.5	12.5	9.0	8.5	4.0	9.5	17.0	16.0	16.5	18.0	19.0	20.5	18.5	18.5	16.5	11.5	14.5	9.5	7.0	8.0	9.0	12.5	20.5
7	9.0	8.5	8.5	8.0	7.0	6.5	8.5	5.5	8.5	5.5	5.5	5.0	6.5	9.5	12.5	14.0	12.5	13.0	12.5	12.5	8.0	4.0	4.5	4.0	8.5	14.0
8	3.5	3.0	3.0	5.0	8.5	9.0	6.5	3.5	3.5	4.0	5.0	5.0	6.5	7.5	11.0	9.5	17.0	11.5	8.5	4.5	5.5	9.5	6.5	6.5	7.0	17.0
9	10.5	10.5	6.0	9.0	9.5	5.0	4.0	3.5	8.5	15.5	19.0	20.5	16.5	16.0	16.5	18.0	17.5	18.0	17.5	16.0	9.0	3.5	6.5	8.5	12.0	20.5
10	10.0	10.5	11.0	10.0	9.5	7.5	9.5	5.0	3.5	5.0	5.5	6.0	6.0	7.0	6.5	7.0	8.5	8.0	4.5	5.0	6.5	10.5	9.5	8.0	7.5	11.0
11	11.5	9.5	9.5	9.0	8.5	11.0	7.5	2.5	2.5	4.5	5.0	6.0	5.5	16.0	18.0	18.0	20.0	16.5	14.5	9.0	12.0	10.5	10.0	10.0	10.5	20.0
12	11.5	7.0	8.0	9.5	10.0	8.5	6.0	6.0	10.0	21.5	19.5	22.5	20.5	19.5	16.0	16.5	21.0	24.0	22.5	16.0	21.0	21.0	18.0	18.5	15.5	24.0
13	15.5	14.5	13.5	11.0	11.0	11.0	7.5	11.5	22.0	20.5	20.5	19.5	16.5	18.0	19.5	20.5	20.5	16.0	16.0	6.5	5.5	4.5	3.0	5.5	14.0	22.0
14	6.0	6.0	3.5	4.5	4.5	4.5	3.5	2.0	8.5	5.0	9.0	16.5	15.5	17.0	15.5	6.5	9.5	8.0	9.0	14.5	14.0	5.5	4.5	4.5	8.0	17.0
15	11.5	8.0	11.0	6.0	7.0	12.5	11.0	14.0	18.5	20.0	22.0	21.5	21.5	20.5	20.0	20.5	20.0	20.0	17.5	8.5	6.0	5.5	5.0	3.5	14.0	22.0
16	4.5	5.0	3.0	3.0	6.0	4.5	3.0	3.0	7.5	10.0	10.5	14.5	11.5	11.0	13.5	9.5	19.0	19.5	12.5	10.0	8.0	2.5	5.5	5.0	8.5	19.5
17	7.5	5.0	4.0	4.0	3.5	5.5	6.0	6.0	5.5	5.5	2.0	5.0	13.5	9.0	8.5	8.5	8.5	7.0	8.5	6.0	4.5	5.5	8.0	10.0	6.5	13.5
18	8.5	7.0	10.5	8.0	7.0	4.0	8.0	9.5	6.5	5.5	3.5	3.0	10.0	13.0	17.5	14.0	16.5	16.0	8.5	8.5	12.0	14.0	13.0	6.0	9.5	17.5
19	2.0	4.5	7.0	8.5	4.0	1.5	2.5	2.5	4.0	4.5	9.5	8.0	6.0	5.5	6.0	5.5	5.0	2.5	2.0	6.5	8.0	4.5	10.5	3.5	5.0	10.5
20	6.0	8.0	7.5	7.0	8.0	6.5	7.0	7.0	6.5	6.0	9.0	8.0	10.0	10.0	6.0	6.0	5.5	5.5	10.0	11.0	8.5	10.5	8.0	6.0	7.5	11.0
21	6.0	5.0	11.0	8.5	8.5	6.5	4.5	6.0	5.0	7.5	11.0	19.0	20.0	17.0	17.0	16.5	16.0	11.0	11.5	7.0	2.5	11.5	13.5	15.0	10.5	20.0
22	9.0	9.5	4.0	4.5	1.5	2.0	2.0	5.0	14.5	17.5	18.5	19.5	17.5	20.5	10.5	1.5	2.0	2.5	12.5	5.0	5.5	16.5	10.5	8.0	9.0	20.5
23	1.0	1.5	7.0	4.0	8.0	7.0	6.5	11.0	11.0	13.0	17.0	19.0	20.0	18.0	17.0	16.0	12.5	8.0	11.5	3.5	1.0	1.5	1.5	2.0	9.0	20.0
24	4.0	6.5	6.5	10.5	8.0	9.5	4.0	1.5	1.0	1.0	1.5	1.5	1.0	1.5	1.5	1.0	1.0	1.0	1.0	3.0	2.5	2.5	1.0	1.0	3.0	10.5
25	1.0	1.5	1.0	1.0	1.0	1.5	2.0	1.0	10.0	9.5	9.0	5.0	14.0	23.5	25.5	24.0	23.5	21.5	7.0	6.0	7.5	5.0	1.5	1.5	8.5	25.5
26	11.5	10.5	10.5	9.5	8.0	12.0	12.0	12.5	8.0	4.0	10.0	7.5	8.5	9.5	10.5	10.5	9.5	13.0	5.0	2.5	1.0	1.0	1.0	3.5	8.0	13.0
27	1.5	2.0	3.5	1.0	4.0	1.0	1.5	1.5	1.0	1.5	2.0	3.0	2.0	3.0	2.0	4.0	2.0	10.0	12.5	2.5	1.0	5.0	1.5	9.5	3.5	12.5
28	6.0	4.5	8.5	9.5	10.0	8.5	3.0	1.0	1.0	2.0	2.5	4.0	8.0	8.5	10.0	4.0	4.5	7.5	8.0	4.0	3.0	10.0	8.5	2.0	6.0	10.0
29	1.5	1.0	1.5	1.0	1.0	3.0	3.0	1.0	2.5	3.5	3.5	5.5	6.0	10.0	10.5	12.0	19.0	16.0	17.5	10.5	6.0	3.5	14.5	12.5	7.0	19.0
30	10.0	10.5	10.5	15.0	11.0	5.5	7.5	11.0	12.0	12.5	14.5	14.5	13.5	11.5	10.5	10.0	9.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	11.0	15.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	7.5	7.0	7.5	7.5	7.0	6.5	6.0	5.5	7.0	8.5	10.0	11.0	11.5	13.0	13.0	12.0	13.0	12.0	11.0	8.0	7.5	8.0	7.5	7.5	9.0	[ ]
SD	3.8	3.2	3.4	3.4	3.0	3.1	2.7	3.6	4.9	6.0	6.6	7.0	6.1	5.9	6.0	6.4	6.7	6.3	5.2	4.1	4.5	4.8	4.3	4.3	2.9	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	4.5	5.5	5.0	4.0	6.5	4.0	2.5	3.0	2.5	3.0	3.0	4.0	5.5	7.5	6.5	5.0	5.0	3.5	3.0	5.0	6.5	4.5	3.5	4.5	7.5
2	6.0	7.5	3.0	4.5	4.5	3.5	4.0	3.5	2.5	2.0	2.5	3.0	4.0	3.5	3.5	4.0	7.0	6.5	2.0	2.0	3.0	3.0	2.5	4.5	4.0	7.5
3	3.5	4.0	6.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.5	2.0	3.0	3.5	3.5	2.0	2.0	2.0	2.0	2.5	3.5	4.0	2.5	2.5	3.0	6.0
4	2.0	3.0	3.5	5.0	6.5	5.5	17.0	20.5	19.5	19.5	18.0	17.5	20.5	20.0	14.0	19.5	13.5	8.0	4.0	11.5	19.0	19.0	17.0	15.5	13.5	20.5
5	19.5	21.5	20.5	13.0	11.5	12.5	12.0	12.0	17.0	17.5	19.0	18.0	17.0	16.5	14.5	15.0	11.5	13.0	13.0	14.0	12.0	12.0	13.0	9.5	15.0	21.5
6	9.5	9.5	11.0	9.0	9.0	8.0	5.5	4.5	4.5	3.0	3.5	4.5	5.0	7.5	6.5	4.5	6.5	6.5	3.5	2.5	4.5	4.0	3.5	5.5	6.0	11.0
7	4.0	6.0	5.0	3.5	1.0	2.5	2.5	2.5	3.0	3.5	3.5	6.5	8.5	7.0	8.0	7.5	6.5	6.0	5.0	5.0	4.0	3.0	3.5	3.0	4.5	8.5
8	2.5	3.5	2.5	1.5	2.5	3.0	2.5	3.0	1.5	3.0	5.5	4.5	6.0	4.0	3.0	3.5	6.0	5.5	5.0	6.0	5.5	3.0	3.0	3.0	3.5	6.0
9	4.0	2.0	2.0	1.5	1.0	3.0	1.5	3.0	2.5	3.0	2.5	4.0	7.0	8.0	7.5	4.5	13.0	17.5	19.5	17.0	18.0	16.0	4.5	5.0	7.0	19.5
10	5.0	7.5	7.5	4.5	5.0	6.5	6.0	6.0	3.5	2.5	8.0	6.0	5.0	10.5	9.0	6.5	5.5	1.5	6.0	7.5	7.5	6.0	7.0	10.5	6.5	10.5
11	7.0	3.5	7.5	9.0	4.5	4.5	3.5	3.5	3.5	2.5	5.0	5.0	6.0	5.0	5.5	6.5	5.5	5.5	6.0	3.0	1.5	3.5	3.5	3.0	4.5	9.0
12	4.0	5.0	5.5	4.0	3.5	2.5	2.5	3.0	1.5	2.5	4.0	6.0	6.0	5.5	4.5	4.5	7.0	6.0	5.0	3.5	5.5	3.0	1.5	1.5	4.0	7.0
13	1.5	4.5	5.0	3.0	2.5	2.5	2.0	1.5	1.5	2.0	3.0	3.5	6.0	8.5	8.5	7.5	7.5	6.5	1.5	1.5	1.5	2.0	3.5	3.5	4.0	8.5
14	3.0	2.5	2.5	3.5	2.0	2.5	4.0	3.0	3.0	3.5	4.0	4.5	4.0	5.5	4.5	12.0	12.0	13.0	9.0	6.5	7.0	7.5	7.5	9.0	5.5	13.0
15	5.5	5.0	5.5	5.5	4.0	4.5	5.5	2.5	2.5	3.5	5.5	4.5	4.5	2.5	3.5	7.0	5.5	6.0	12.0	4.0	7.0	8.0	10.5	7.0	5.5	12.0
16	7.5	8.5	11.0	9.5	10.5	11.0	9.5	10.0	9.5	7.5	10.5	11.0	9.0	7.5	13.5	8.5	9.5	6.5	6.5	9.0	13.5	15.0	16.5	15.5	10.5	16.5
17	9.0	20.5	12.0	24.5	22.0	16.5	12.5	6.5	4.5	7.0	9.0	16.5	17.0	19.5	17.0	13.5	10.0	6.5	4.0	8.5	4.0	2.5	4.0	4.0	11.5	24.5
18	6.5	2.5	2.5	5.0	9.5	6.0	8.5	11.5	8.0	9.5	17.0	22.0	22.5	19.0	22.0	19.5	19.0	17.0	8.5	8.5	7.0	10.0	13.5	9.5	12.0	22.5
19	6.5	6.0	5.0	5.5	5.5	5.5	3.5	3.5	2.5	3.5	8.5	11.0	5.5	5.5	6.5	6.5	14.5	14.5	18.0	9.0	9.5	11.5	12.0	8.5	8.0	18.0
20	11.0	8.5	8.5	6.5	3.5	8.5	7.0	8.5	8.5	19.0	17.5	18.0	18.5	19.5	18.0	16.5	15.5	12.5	12.5	11.5	5.5	4.5	9.5	9.0	11.5	19.5
21	9.5	10.0	10.5	11.0	12.0	10.5	9.5	9.5	10.0	5.5	3.0	2.5	3.5	3.0	3.0	4.5	5.0	5.0	6.5	6.0	10.5	9.0	9.5	8.5	7.5	12.0
22	10.5	12.5	9.5	4.5	6.5	8.5	7.5	8.0	4.0	2.0	2.5	4.0	5.5	5.5	4.5	5.5	4.0	5.5	3.0	2.0	5.5	8.5	8.5	8.0	6.0	12.5
23	7.5	7.0	6.5	8.5	7.5	7.0	6.5	5.0	3.0	2.5	4.0	5.5	4.5	4.0	3.5	5.0	5.5	6.5	4.0	4.5	5.0	3.0	4.0	4.0	5.0	8.5
24	3.0	3.5	4.5	6.0	3.0	9.5	4.5	3.5	6.0	7.0	6.0	6.5	4.0	3.0	5.5	3.5	4.0	7.5	3.0	5.0	9.5	7.0	8.0	9.0	5.5	9.5
25	7.5	7.0	7.0	7.0	6.0	4.5	6.5	4.0	2.5	2.5	5.0	5.0	5.0	4.5	4.5	3.5	3.5	4.5	7.5	4.5	4.5	3.0	7.5	8.5	5.0	8.5
26	6.0	4.0	7.5	6.5	4.0	4.0	4.0	6.0	3.0	3.0	4.0	4.5	5.5	4.5	5.0	5.5	6.5	5.0	5.0	6.0	5.0	3.0	4.5	7.0	5.0	7.5
27	4.0	3.5	4.0	5.5	6.0	6.5	8.0	3.0	1.5	3.0	4.0	4.5	8.0	6.0	5.0	4.0	2.0	4.0	5.0	7.0	6.5	3.0	6.5	8.5	5.0	8.5
28	8.0	8.5	4.0	4.0	4.0	3.5	4.0	2.5	1.5	2.5	4.5	3.0	3.5	3.0	9.0	16.0	15.5	11.0	15.0	10.0	7.0	4.0	4.0	4.5	6.5	16.0
29	4.0	5.5	6.5	5.5	5.5	7.0	5.5	5.5	3.0	13.5	17.5	21.0	22.5	23.0	23.5	22.0	21.0	17.5	17.0	17.0	16.5	13.5	17.0	9.0	13.5	23.5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.5	7.0	6.5	6.5	6.0	6.5	6.0	5.5	5.0	5.5	7.0	8.0	8.5	8.5	8.5	8.5	8.5	8.0	7.5	7.0	7.5	7.0	7.5	7.0	7.0	[ ]
SD	3.5	4.6	3.8	4.3	4.2	3.6	3.5	4.0	4.3	5.2	5.3	6.0	6.1	6.0	5.7	5.6	4.9	4.4	5.0	4.2	4.5	4.6	4.6	3.5	3.3	[ ]

OUTPT [VERSION N 26 APR 76]

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        WIND SPEED @ 30M
        (MILES/HOUR)
                                                           WHITE RIVER SHALE PROJECT,UTAH       ********************
                                                                                                *                  *
                                                           SITE A  6                            * PRELIMINARY DATA *
                                                                                                * AS OF 01/JUL/76  *
                                                           MARCH,1976                           *                  *
                                                                                                ********************
                                                           AEROVIRONMENT INC.                   *                  *
                                                                                                *    SUBJECT TO    *
                                                                                                *     REVISION     *
                                                                                                *                  *
                                                                                                ********************

                                         CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                   P
 A                                                                                                                   E
 T   00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23  AVE   A
 E                                                                                                                   K

 1  7.5  14.5  23.5  19.0  19.0  19.0  12.5  12.0  19.5  24.0  24.5  25.0  24.0  36.0  32.0  37.0  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]22.0  37.0
 2 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][    ]  [    ]
 3 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][    ]  [    ]
 4 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
 5 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
 6 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
 7 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
 8 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
 9 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
10 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
11 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
12 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
13 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
14 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
15 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ]  [    ]
16 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]   3.0   5.5   3.5   4.0   4.0   6.5   4.0   6.5   6.0   7.5   9.0  5.5   9.0
17  6.0   5.0   9.0   9.5   4.5   4.5   4.5   5.0   2.5   3.0   3.0   3.5   3.5   6.0   6.0   5.5   5.0   5.5   7.5   5.5   8.5   9.0  10.0   8.5  6.0  10.0
18  5.0   5.5   6.0   9.0   4.5   5.5   7.0   4.0   2.5   3.5   4.5   4.0   6.0  19.5  20.5  19.0  19.0  12.0  15.5  17.5  18.5  19.0  14.0  16.5 11.0  20.5
19 18.0  18.0  16.5  15.5  21.0  22.5  25.0  25.0  25.0  24.5  27.5  32.5  30.0  24.5  23.0  25.0  23.0  22.0  21.0  18.5  22.0  14.5   9.0   5.0 21.0  32.5
20 11.0  15.0  18.5  19.5  18.0  20.0  20.0  18.0  17.0  16.0  14.5  14.5  11.5   9.0  10.0   7.5   8.0  13.5  12.0   9.5   6.5   4.5   5.0   5.5 12.5  20.0
21  8.5   6.5   6.5   9.5   7.5   6.5   7.0   8.0  17.0  22.0  23.5  21.0  22.5  24.5  23.5  20.0  19.5  20.0  19.0   9.5   5.0   8.0  10.0  12.0 14.0  24.5
22  9.5   9.0   9.5   8.5   6.0   6.5   5.5   2.5   4.0   3.0   4.5   5.0   5.5   6.5   5.0   9.5  17.0  17.0   9.0   9.0  12.5  11.0   3.5   4.0  7.5  17.0
23  9.0   8.0  10.5   6.0   8.0   4.0   3.0   4.0   4.5  12.5  14.0  14.5  17.5  21.5  19.5  19.0  20.0  16.5  15.5   4.5   4.0   4.5   5.5   6.5 10.5  21.5
24 10.0  11.0   7.0   6.5   7.0   7.0   7.5   6.5   3.5   4.0   7.5   9.0  10.5  12.0  17.5  19.5  17.0  16.0  15.5  12.5  18.0  21.0  22.5  23.0 12.0  23.0
25 20.5  20.0  18.0  19.0  17.0  17.5  15.0  19.0  20.0  21.0  11.0   7.5   7.0   7.0  15.5  14.0  14.5   9.0   6.5   7.5   5.0   5.5   7.0   8.0 13.0  21.0
26  8.5   8.5   9.5  10.5  10.0  11.0  12.0  11.0   8.0   6.5   7.5  10.0   9.0   7.0   7.5   7.0   7.5  13.0  14.5  11.0   8.5   6.0   4.5   3.5  9.0  14.5
27  2.0   3.0   3.5   5.0   4.0   4.5   6.0   5.0   4.5   7.0  20.5  18.0  21.5  21.5  22.0  20.0  19.5  18.5  21.0   8.0   6.0   9.0   7.0  11.0 11.0  22.0
28  8.5  13.0   7.5   4.0   5.0   8.5   9.5   7.0   6.0   7.0   6.5   8.5  10.5   7.5   9.5  11.0  10.5   9.5  14.0   9.0   6.0   4.0   3.5   2.5  8.0  14.0
29  2.5   2.0   4.5   5.0   1.5   3.0   5.0   4.5   3.0   4.0   6.0  11.0  13.5  13.0  13.0  11.0  13.5  15.5  11.0   8.5   9.5   7.5   7.0   5.0  7.5  15.5
30  6.5   8.5   5.0   5.5   9.0   9.5  10.5   8.5   4.5   5.5   7.5  10.0  10.0   8.0   7.0   6.5   4.5   4.0   6.5   7.0   7.0   9.5   9.5   9.5  7.5  10.5
31 10.0   6.5   9.0  12.0   9.5  10.0   5.0   2.5   3.5   3.5   5.5   6.5   8.5   7.5   7.0   7.5   8.0  12.5  14.5  10.0  13.0   8.0   6.0   8.5  8.0  14.5

AV  9.0   9.5  10.5  10.5   9.5  10.0   9.5   9.0   9.0  10.5  12.0  12.5  13.0  14.0  14.5  14.5  13.0  13.0  13.0   9.5  10.0   9.0   8.0   8.5 11.0  [    ]
SD  4.6   5.1   5.6   5.1   5.8   6.1   5.9   6.4   7.5   8.0   7.8   7.8   7.4   8.9   7.8   8.4   6.2   5.3   4.8   3.9   5.3   4.9   4.6   5.1  4.6  [    ]

OUTPT  [VERSION N   26 APR 76]
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```
     WIND SPEED @ 30M
     (MILES/HOUR)
                                                          WHITE RIVER SHALE PROJECT,UTAH    ********************
                                                                                            *                  *
                                                          SITE A  6                         *  PRELIMINARY DATA *
                                                                                            *  AS OF 01/JUL/76  *
                                                          APRIL,1976                        *                  *
                                                                                            ********************
                                                          AEROVIRONMENT INC.                *                  *
                                                                                            *    SUBJECT TO    *
                                                                                            *     REVISION     *
                                                                                            *                  *
                                                                                            ********************

                                      CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                                P
 A                                                                                                                                E
 T   00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23  AVE    A
 E                                                                                                                                K

  1   8.5   5.0   5.0   4.5   5.0   5.5   5.5   4.5   5.5  10.5  22.5  23.0  24.0  24.0  25.0  25.0  28.0  24.5  20.0  16.0  16.5  14.5   5.0  15.014.5  28.0
  2   8.0   9.0  11.0  10.0  10.0   8.0   8.0   6.5   3.5   3.5   6.0   5.0   6.0  10.0  13.0   9.5   7.0   7.5   6.5   5.0  10.0  12.5  12.5  12.0 8.5  13.0
  3  11.5  10.5  10.0  11.5   8.0  10.5   8.0   5.5   3.0   3.5   5.0   6.5   7.0   9.0   7.5  10.0  10.5   7.5   8.5   6.5   7.5  13.5  10.5  10.0 8.5  13.5
  4   9.5   8.5  11.5  10.0   8.0   4.5   7.0   7.0   3.5   4.5   5.0   6.5   6.5   7.5   7.0   8.0  17.0   7.0   5.5   8.5  11.5   9.5   8.0   9.0 8.0  17.0
  5   9.0  10.0   6.0   4.5   6.0   6.5   6.5   4.0   5.0   8.0   3.0   6.5  11.0  19.0  14.0  19.5  13.5   8.0  17.0   5.5   5.0  12.0  11.0  12.5 9.5  19.5
  6  12.5   5.5   3.5  11.0  12.5   9.5   9.0   4.0   9.5  17.0  16.5  17.0  18.0  19.5  20.5  19.0  19.0  16.5  12.0  15.0  10.0   7.5   8.5  10.012.5  20.5
  7  10.0   9.0   9.0   8.0   7.5   6.5   8.5   5.5   9.0   5.5   5.5   5.0   6.5   9.5  12.5  14.0  13.0  13.0  15.0  13.0   8.5   4.0   4.5   4.0 8.5  15.0
  8   3.5   3.0   3.0   5.0   8.5   9.0   6.5   3.5   3.5   4.0   5.0   5.0   6.5   7.5  11.0   9.5  14.0   9.5   8.5   4.0   5.5   9.5   6.5   6.5 6.5  14.0
  9  10.5  11.0   6.5   9.5   9.5   5.0   3.0   3.5   8.5  15.5  19.0  20.5  16.5  16.0  16.0  17.5  17.0  18.0  17.5  16.0   9.5   4.5   6.0   8.512.0  20.5
 10  10.5  10.5  11.5  10.0  10.5   8.0  10.0   5.0   3.5   5.0   5.5   6.0   6.0   6.5   6.5   7.0   8.5   8.5   5.0   5.5   5.5  10.5   9.5   8.0 7.5  11.5
 11  11.5   9.5   9.0   9.5   9.0  12.0   7.5   2.5   2.5   4.5   5.5   6.5   5.0  14.5  18.0  18.0  20.0  16.0  15.0   9.0  12.5  10.5  10.5  10.010.5  20.0
 12  11.5   7.0   9.0  10.5  10.0   8.5   6.5   6.5   9.5  21.0  18.0  21.5  20.5  19.5  13.5  14.5  18.0  21.0  19.5  15.0  20.5  21.0  17.5  18.015.0  21.5
 13  15.5  14.5  13.5  11.0  11.0  11.0   8.5  11.5  22.0  21.0  19.5  19.0  16.0  18.5  19.5  21.0  19.5  15.5  16.5   6.0   5.5   4.5   3.0   5.013.5  22.0
 14   6.0   6.0   3.5   4.0   4.5   4.5   4.0   2.5   7.5   5.0   9.0  16.0  15.0  17.0  15.0   7.0   9.5   8.0   9.5  12.0  12.5   6.0   5.0   5.0 6.0  17.0
 15  12.5   8.5  10.5   6.0   7.0  12.5  10.5  14.0  18.5  19.5  21.5  21.0  21.0  20.5  19.5  21.0  20.0  20.5  17.5   9.0   6.0   5.5   5.5   4.014.0  21.5
 16   4.0   5.5   3.0   3.5   6.0   5.5   3.5   3.5   7.0  10.0  10.5  14.0  11.0  11.0  13.0   9.5  19.0  20.0  13.0  10.5   8.0   3.5   5.5   5.5 8.5  20.0
 17   8.0   6.0   4.5   4.5   4.0   5.5   6.0   6.0   9.5  11.0   2.5   5.5  13.5   9.5   9.0   9.0   9.0   7.5   8.0   5.0   5.0   6.0   8.0  10.0 7.0  13.5
 18   7.5   6.5  10.0   8.0   7.0   4.0   8.0   8.5   5.5   5.0   4.0   4.5   9.5  11.0  15.5  13.0  15.5  15.0   8.5   9.0  12.0  14.0  12.0   6.5 9.0  15.5
 19   2.0   4.0   7.0   8.0   4.5   2.5   2.5   2.5   4.0   5.0   9.5   8.0   6.0   6.0   6.5   6.5   5.5   3.5   3.5   7.5   9.0   5.0  10.5   3.5 5.5  10.5
 20   5.5   8.5   8.0   7.0   8.5   7.0   7.0   6.5   6.5   6.0   7.5   8.0  10.0  10.0   6.5   6.0   5.5   5.5  10.5  12.0   9.0  10.5   9.0   6.5 8.0  12.0
 21   6.5   5.5  11.0   8.5   9.0   6.5   5.0   6.5   5.0   7.5  11.0  19.0  19.5  17.0  16.5  16.5  16.5  12.0  12.5   9.0   5.0  12.0  13.0  15.011.0  19.5
 22   9.5  10.0   4.5   5.0   3.5   4.0   4.5   7.5  16.0  19.5  21.5  22.0  20.5  22.0  13.0   5.0   6.0   8.0  17.0  12.0  12.0  19.0  15.0  13.512.0  22.0
 23   5.5   5.5  13.0  11.0  12.0  12.0  11.0  15.0  15.5  17.0  20.5  21.5  22.5  21.0  20.0  19.0  17.0  15.0  16.5  11.0   8.5   4.5   4.0   6.513.5  22.5
 24   8.0   9.0  11.0  13.5  12.0  13.0   8.0   4.0   4.0   4.5   5.0   6.5   6.0   6.5   8.5   6.0   4.5   5.0   3.5   6.0  11.5  10.5   7.0   4.0 7.5  13.5
 25   3.5   5.5   3.5   5.0   6.5   4.0   6.0   3.5  14.5  15.5  15.5  10.5  17.0  24.5  27.5  25.0  24.0  22.0   9.0   8.5   7.5   6.0   4.0   3.511.5  27.5
 26  12.5  12.5  11.5  10.0   8.5  12.5  13.0  13.0   8.5   6.0   9.5   8.0  10.5  11.0  12.0  12.0  11.0  14.0   8.0   7.0   5.0   3.0   4.0   6.5 9.5  14.0
 27   4.0   6.0   7.0   5.0   6.5   4.0   4.5   4.5   4.0   5.0   5.0   6.0   5.0   6.0   5.5   7.5   5.5  12.0  14.0   6.0   3.5   6.5   8.0   9.5 6.5  14.0
 28   7.0   7.0   9.0  10.0  10.5   9.5   6.0   3.5   4.0   5.5   6.5   7.0   9.5  10.0  11.0   8.0   7.0   8.0   9.0   7.5   5.0  10.5   9.5   6.0 8.0  11.0
 29   5.0   3.5   6.0   4.5   4.5   6.5   6.0   3.5   5.5   6.5   6.5   7.5   8.0  10.5  10.5  12.0  19.5  16.5  18.5  11.5   8.0   6.0  16.0  14.5 9.0  19.5
 30  12.0  12.5  12.0  16.0  12.5   8.0   9.0  12.0  13.0  13.0  14.5  14.5  13.5  13.0  11.5  11.5  12.0  14.5  11.5  10.5   6.0   5.5   7.5   8.511.5  16.0
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV   8.5   8.0   8.0   8.0   8.0   7.5   7.0   6.0   8.0   9.5  10.5  11.5  12.5  13.5  13.5  13.0  13.5  12.5  12.0   9.5   8.5   9.0   8.5   8.510.0 [   ]
 SD   3.3   2.8   3.2   3.1   2.6   3.0   2.4   3.5   5.0   5.8   6.4   6.5   5.9   5.7   5.5   5.8   6.1   5.6   4.8   3.4   3.7   4.5   3.7   3.9 2.6 [   ]

 OUTPT  [VERSION N   26 APR 76]
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WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	95	100	115	90	95	105	85	85	90	290	330	245	300	285	230	245	235	255	10	60	120	110	100	110	5	
2	105	105	95	110	85	100	110	75	70	45	300	235	235	330	240	255	235	225	265	115	110	115	105	105	6	
3	85	110	70	90	90	45	120	45	90	335	310	235	255	245	255	230	250	240	195	20	235	265	130	100	12	
4	200	25	265	275	275	290	165	155	140	150	145	150	155	155	160	150	140	145	100	150	155	150	160	145	[VA]	
5	150	145	145	170	5	20	20	20	20	15	15	20	20	15	10	25	10	15	15	15	15	15	20	15	[VA]	
6	10	15	15	10	20	15	15	345	355	345	260	295	265	245	235	245	240	245	265	320	255	245	260	245	12	
7	250	250	245	290	205	265	275	245	255	285	245	245	255	240	235	235	240	245	230	250	230	200	170	125	[VA]	
8	280	25	30	260	305	40	125	145	275	260	245	245	245	240	260	245	245	245	245	235	240	255	235	255	12	
9	245	245	250	315	275	325	225	245	265	230	310	290	250	240	245	210	210	190	155	145	150	210	105	80	12	
10	70	200	150	115	95	130	125	145	325	290	305	300	340	305	300	250	250	145	125	140	130	120	125	135	7	
11	165	50	115	100	95	105	55	90	235	245	245	240	240	265	235	235	235	235	220	140	65	115	110	105	11	
12	105	125	120	55	105	130	55	155	135	255	250	245	230	245	235	235	240	255	195	275	305	180	105	105	12	
13	275	135	155	30	85	185	320	205	175	265	260	265	240	240	235	235	240	245	265	165	135	340	145	120	12	
14	125	80	25	260	175	175	305	95	70	300	230	230	250	135	10	210	150	135	145	120	120	130	130	115	6	
15	85	20	85	80	75	100	75	95	270	275	245	245	215	230	235	260	235	230	250	195	145	200	210	170	11	
16	105	130	135	130	135	135	135	140	140	165	245	255	265	245	195	250	245	195	185	180	175	160	150	165	7	
17	175	235	220	245	250	255	280	50	235	240	315	245	245	250	255	250	240	235	150	165	240	325	325	270	12	
18	215	325	310	325	180	120	140	165	200	245	240	240	240	250	255	250	240	245	215	225	190	125	135	120	12	
19	80	85	70	30	60	70	255	30	90	255	240	235	230	310	300	335	280	250	240	200	190	230	255	230	[VA]	
20	255	285	255	235	220	230	265	330	320	345	330	330	330	340	355	355	345	0	10	10	20	65	120	125	[VA]	
21	130	125	120	120	125	120	120	115	110	90	235	305	340	0	95	350	0	20	40	115	125	125	130	115	6	
22	115	120	100	85	115	120	125	120	95	185	335	295	245	255	245	265	295	240	165	90	115	125	120	125	6	
23	115	120	120	120	110	110	115	90	75	190	225	245	255	250	225	260	275	240	205	145	135	185	115	110	6	
24	105	125	105	70	305	210	130	120	215	245	230	245	250	135	125	40	325	320	50	110	135	135	120	125	[VA]	
25	110	85	85	90	65	55	100	75	85	230	240	240	240	270	310	235	250	210	130	40	245	40	110	115	5	
26	80	105	110	100	80	90	105	115	135	265	240	245	240	245	230	255	295	225	110	110	135	115	110	115	6	
27	85	85	100	105	110	110	105	40	10	220	240	240	240	230	235	225	180	285	5	120	165	210	110	120	6	
28	110	85	65	105	85	95	95	75	45	50	235	190	330	250	240	195	195	180	160	100	135	115	45	265	5	
29	310	15	35	60	20	5	25	345	0	195	165	160	160	155	165	165	160	165	150	155	155	150	165	210	8	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	6	[VA]	5	5	5	6	6	[VA]	5	12	12	12	12	12	[VA]	[VA]	[VA]	11	8	6	7	7	7	6	12	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	210	160	160	160	155	160	165	180	150	155	155	155	155	160	170	175	170	165	170	250	255	245	160	260	9	
2	350	25	35	40	35	15	340	55	10	20	10	350	315	285	240	255	190	240	250	185	190	165	125	125	3	
3	115	115	100	65	100	60	95	150	135	115	280	270	275	295	275	255	250	270	335	350	160	10	310	345	13	
4	265	210	135	130	125	125	140	100	330	255	345	340	10	45	5	40	80	60	115	90	110	110	350	210	7	
5	125	135	155	140	130	110	105	105	95	285	15	225	310	345	330	355	305	310	5	105	115	105	110	120	[VA]	
6	115	115	90	115	70	60	100	95	65	350	295	265	255	240	245	250	245	230	215	100	110	100	75	85	5	
7	115	105	95	50	35	45	50	65	45	320	285	270	255	265	290	320	315	305	320	110	130	120	110	115	6	
8	110	80	45	50	50	85	75	40	50	315	290	260	265	280	245	245	240	240	265	150	105	105	120	115	6	
9	110	95	90	85	85	70	50	40	75	270	275	250	250	245	255	265	230	245	235	165	120	125	115	75	[VA]	
10	105	90	115	85	45	40	45	75	300	295	260	250	235	235	240	245	235	235	245	105	115	120	125	45	12	
11	310	80	35	255	125	135	155	240	355	115	175	160	185	240	230	235	250	260	250	235	195	155	140	65	[VA]	
12	40	50	50	50	55	55	55	60	50	50	40	30	20	355	65	20	15	285	295	60	105	120	120	125	3	
13	120	90	95	110	65	25	40	30	65	280	285	325	300	285	275	285	265	255	225	140	110	115	155	55	14	
14	340	5	235	260	205	200	145	85	5	10	260	245	250	235	255	220	225	220	240	245	255	215	95	135	[VA]	
15	135	130	140	140	140	95	185	135	285	250	235	220	260	185	230	75	335	80	65	90	120	110	135	135	7	
16	140	135	130	115	100	100	65	30	10	290	265	260	290	280	285	305	325	285	340	90	135	140	115	110	14	
17	80	95	120	110	95	55	35	20	60	175	260	240	215	270	255	295	345	10	20	95	120	120	130	130	6	
18	80	65	100	115	75	100	110	70	35	345	265	265	250	170	155	150	155	145	145	140	145	160	170	170	8	
19	170	160	150	160	220	245	245	245	245	250	245	245	245	255	240	245	240	240	240	245	250	265	265	235	12	
20	265	260	255	245	250	255	250	250	245	245	240	220	190	235	205	215	240	205	185	155	150	125	110	340	[VA]	
21	210	175	170	135	125	105	150	210	235	240	245	245	260	245	250	250	245	250	245	285	315	120	125	115	12	
22	100	95	95	90	80	80	55	55	60	320	270	265	285	290	260	235	145	155	125	110	135	130	30	75	5	
23	135	180	160	250	200	20	45	5	310	230	195	240	215	225	220	245	195	240	270	230	65	145	165	135	11	
24	140	125	105	100	75	105	100	85	60	355	265	250	255	225	210	205	200	200	150	140	150	145	145	150	7	
25	150	155	155	150	155	180	250	250	245	245	265	220	110	50	20	45	20	215	160	130	170	175	125	140	8	
26	140	140	140	140	130	135	135	135	145	235	225	210	230	210	200	175	145	135	130	125	140	155	110	105	7	
27	60	80	100	90	50	70	90	95	70	130	155	185	165	165	175	195	225	255	265	200	170	135	305	255	[VA]	
28	245	250	230	165	155	135	125	160	180	235	235	240	245	255	240	260	275	280	310	340	320	80	110	115	12	
29	105	115	110	160	100	110	110	145	250	250	255	355	335	330	340	325	295	350	0	340	310	320	325	280	16	
30	235	235	140	130	130	135	140	135	175	290	230	230	255	275	235	280	170	5	5	50	115	115	110	120	7	
31	110	95	110	110	95	105	70	70	30	280	260	240	275	255	265	225	225	160	145	130	135	155	100	115	6	
PV	6	5	5	[VA]	5	6	[VA]	4	4	12	13	12	12	12	12	12	[VA]	12	12	7	7	7	7	[VA]	7	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A - 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	115	110	110	95	105	105	105	50	0	180	160	165	155	160	165	170	180	175	170	160	170	195	135	245	[VA]	
2	180	140	145	145	140	135	120	175	260	275	345	15	280	320	285	280	290	280	320	65	125	120	120	115	7	
3	115	110	110	115	120	110	110	95	25	265	260	245	255	255	230	260	275	310	325	45	115	120	115	110	6	
4	115	110	115	120	110	95	110	90	40	315	260	280	280	295	20	190	170	135	125	115	120	105	115	125	6	
5	125	120	125	115	115	115	115	120	245	250	10	310	35	80	65	120	150	100	150	155	190	160	140	125	6	
6	125	120	70	145	155	170	170	145	190	190	200	210	210	210	215	195	205	235	210	210	180	195	175	165	[VA]	
7	165	170	150	150	140	130	135	200	225	240	265	300	350	10	20	15	20	30	30	40	40	300	190	105	2	
8	110	105	120	145	120	120	100	100	45	300	255	240	290	15	15	10	105	125	140	105	80	110	100	105	6	
9	125	125	95	145	315	55	105	15	245	255	235	215	215	230	260	250	250	275	270	255	265	120	110	120	12	
10	125	120	115	145	115	100	115	230	255	275	245	245	255	245	270	290	355	15	5	65	105	130	140	100	6	
11	110	115	105	115	115	110	100	60	15	260	305	265	185	160	160	150	155	145	165	125	130	110	125	125	6	
12	110	65	100	135	120	140	75	100	190	155	135	135	160	170	115	95	100	115	115	130	125	125	130	130	6	
13	130	130	130	130	135	135	150	160	155	165	140	155	170	170	170	155	145	150	170	95	115	135	85	130	8	
14	270	110	245	85	90	120	130	130	170	145	140	150	145	155	145	165	155	165	225	275	300	345	10	340	7	
15	120	150	135	140	135	130	135	150	165	150	150	150	155	155	150	165	165	170	230	280	305	350	20	350	[VA]	
16	75	105	100	45	30	55	90	120	160	175	185	250	255	255	260	210	170	165	180	205	135	325	330	40	9	
17	350	335	265	235	240	280	270	265	245	240	110	50	350	40	40	15	35	55	65	90	120	180	240	190	13	
18	100	125	130	115	100	85	125	120	135	105	340	280	190	115	125	130	135	140	170	225	135	120	115	135	6	
19	45	120	130	130	125	170	145	95	125	45	220	220	215	125	185	255	220	135	140	330	335	295	235	120	7	
20	120	125	115	120	120	175	110	120	140	125	110	215	260	270	220	215	225	225	235	180	160	125	140	165	6	
21	130	330	255	130	145	135	100	120	205	260	245	250	245	245	255	250	240	245	275	270	150	130	120	115	12	
22	110	110	55	65	15	25	335	230	160	165	185	205	200	245	225	100	30	235	185	140	125	230	250	245	11	
23	205	160	245	245	250	255	245	245	250	250	260	260	260	255	255	255	270	290	320	330	340	100	120	125	13	
24	120	125	120	115	115	110	95	85	300	270	335	260	265	275	265	265	220	290	15	105	130	130	80	95	6	
25	80	95	135	60	85	100	70	5	185	170	250	260	195	145	145	190	250	260	110	135	115	100	65	225	5	
26	245	245	190	135	150	150	175	150	160	165	130	145	190	185	210	190	210	255	285	30	55	150	10	160	8	
27	35	130	255	205	240	155	140	145	270	305	250	265	210	40	350	345	335	300	290	320	25	125	130	140	7	
28	170	135	140	135	120	95	90	70	0	295	260	250	270	260	265	265	270	285	355	50	105	120	115	100	6	
29	90	75	120	115	150	125	120	80	350	355	315	15	255	280	255	265	295	330	355	35	50	15	45	55	3	
30	40	50	45	45	40	15	25	30	35	15	30	15	20	10	15	15	350	350	350	350	85	105	110	105	2	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	6	7	6	6	[VA]	6	6	6	8	13	12	12	12	[VA]	13	[VA]	8	7	9	7	[VA]	[VA]	6	[VA]	7	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	135	150	150	150	125	150	110	100	120	315	355	275	330	315	260	270	260	285	30	65	160	155	145	130	8	
2	145	145	110	145	140	110	155	120	110	230	290	270	260	355	270	285	260	255	265	175	150	135	125	145	7	
3	100	150	115	100	155	70	160	80	150	5	15	240	290	275	285	260	290	295	255	25	275	290	190	70	14	
4	260	355	310	320	290	315	195	190	175	180	180	185	190	190	190	185	180	180	150	185	190	185	195	180	9	
5	185	180	180	200	20	50	55	55	50	50	50	55	55	50	45	60	50	50	50	50	50	50	50	45	3	
6	45	50	45	45	55	50	45	20	40	305	295	335	305	280	270	280	280	280	295	355	290	280	290	285	13	
7	285	285	270	310	205	300	315	290	270	315	280	285	295	265	275	270	265	265	265	275	280	265	200	170	14	
8	260	50	55	325	350	40	295	140	285	300	280	285	285	275	290	295	285	230	285	275	245	290	275	270	[VA]	
9	285	275	245	200	330	295	355	270	290	265	295	330	290	280	285	245	225	210	190	185	185	185	235	80	13	
10	275	215	175	165	150	200	175	180	235	290	340	340	10	345	335	285	285	195	165	185	175	175	170	170	9	
11	180	95	150	155	155	140	90	160	240	305	275	280	285	300	280	275	275	285	265	245	355	135	180	140	13	
12	125	175	175	80	160	180	325	235	305	290	290	285	275	285	275	275	280	290	235	265	5	225	160	55	14	
13	315	180	195	25	100	245	335	270	255	310	300	300	280	280	275	275	280	285	250	260	315	350	165	160	13	
14	175	155	65	325	160	190	40	105	150	315	275	265	290	165	320	250	190	170	180	170	170	170	170	160	[VA]	
15	145	45	115	125	95	150	130	95	325	320	280	290	270	275	295	300	270	270	285	230	185	245	250	225	[VA]	
16	140	160	175	170	175	175	175	175	180	200	285	290	300	280	230	280	280	230	215	210	210	195	185	200	10	
17	205	270	260	280	285	290	315	305	270	280	340	285	295	290	295	285	280	270	175	180	200	350	260	270	14	
18	240	320	10	305	190	150	175	185	230	285	270	275	280	285	290	285	280	270	255	260	225	165	165	150	[VA]	
19	120	120	105	50	[VA]	75	265	345	120	290	270	270	255	325	320	350	305	275	270	210	220	250	270	255	13	
20	290	315	300	265	245	255	290	350	350	10	0	355	350	10	35	30	20	35	45	45	55	65	160	150	1	
21	170	170	165	165	165	160	160	160	150	140	295	325	10	40	170	35	30	55	55	155	165	150	170	155	8	
22	160	160	135	110	165	165	170	165	125	325	10	325	290	290	295	310	340	285	240	175	160	175	170	165	8	
23	165	165	155	150	145	145	160	125	95	215	275	285	300	285	280	305	315	265	255	205	185	265	170	165	8	
24	200	175	155	135	340	275	140	165	230	285	270	280	285	180	160	75	340	5	80	100	160	175	175	170	8	
25	155	125	125	130	105	115	145	120	130	275	285	285	260	315	350	285	290	240	160	165	275	45	140	155	7	
26	125	130	145	145	135	135	145	145	220	290	290	290	280	270	260	300	320	245	140	145	205	280	185	170	7	
27	135	150	130	155	150	160	155	115	50	260	280	285	280	275	285	270	205	325	35	165	210	245	145	170	8	
28	150	140	65	145	115	130	135	130	65	75	290	225	15	285	260	230	230	200	195	185	170	150	105	295	7	
29	325	40	60	80	45	40	55	355	10	205	195	185	185	185	190	190	190	190	175	185	185	180	190	240	9	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	7	8	8	[VA]	[VA]	8	8	8	8	14	[VA]	14	[VA]	14	14	[VA]	14	13	13	9	9	9	8	8	14	

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WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	245	190	190	185	185	190	195	205	180	185	180	185	185	185	195	200	195	190	200	280	285	270	190	285	[VA]
2	20	65	65	70	65	45	20	80	40	45	40	20	350	320	270	285	220	270	280	215	220	190	155	170	3
3	155	155	140	95	140	100	105	235	170	115	315	305	305	330	305	285	285	300	20	20	195	45	345	15	15
4	295	240	170	160	155	155	170	145	205	275	15	10	40	75	35	70	110	90	125	135	155	140	50	250	8
5	160	170	170	170	165	150	140	140	140	330	55	260	340	20	0	20	340	345	30	150	155	145	155	160	8
6	150	150	125	155	120	95	150	140	90	10	330	295	265	275	280	265	275	255	265	135	160	135	100	110	8
7	155	150	140	90	55	65	70	95	75	355	320	300	290	305	310	350	340	335	350	150	175	170	165	155	8
8	155	120	70	105	80	130	130	75	65	345	325	295	300	320	280	275	275	270	285	240	155	150	160	150	13
9	150	130	120	130	140	115	95	80	110	305	310	280	280	280	290	295	265	275	270	290	165	165	150	90	13
10	135	120	155	130	75	80	70	110	290	330	295	280	270	265	275	275	265	260	275	175	160	160	160	85	13
11	280	115	75	310	150	165	185	265	20	165	205	190	210	265	255	265	275	285	275	260	225	195	170	105	13
12	65	75	80	75	80	80	80	80	75	75	65	60	45	25	95	65	40	305	330	60	145	165	155	160	4
13	155	125	120	145	100	45	75	55	60	310	315	350	330	315	310	315	295	290	255	190	145	135	180	90	15
14	10	20	215	290	230	225	175	140	25	35	290	275	285	265	285	250	255	250	270	275	285	250	125	165	13
15	165	160	170	170	170	140	220	140	315	285	265	230	295	190	260	100	5	125	95	125	150	150	170	160	8
16	165	165	165	155	140	140	105	70	70	315	290	290	320	315	315	300	355	315	15	115	160	170	155	150	8
17	115	120	155	145	125	95	60	40	90	195	290	280	235	290	285	325	5	40	45	140	155	155	165	165	8
18	150	140	145	150	110	130	140	110	70	15	300	295	275	195	185	175	180	170	175	170	175	185	195	195	9
19	195	185	180	190	250	275	275	275	275	275	270	275	275	280	270	275	270	270	265	270	275	295	295	270	13
20	295	290	285	275	275	285	280	280	275	270	270	250	220	260	235	245	265	230	210	185	180	165	155	50	13
21	245	210	200	165	160	155	175	230	260	265	275	275	285	275	280	280	275	280	275	310	325	160	160	150	13
22	140	135	135	130	120	120	95	95	90	325	305	295	310	320	285	245	175	180	155	140	165	160	45	85	7
23	160	195	190	275	235	35	40	10	335	255	225	270	245	250	245	275	225	270	300	265	25	215	220	170	[VA]
24	170	165	145	140	125	140	140	125	85	20	295	280	285	255	240	230	230	230	180	170	180	175	175	180	9
25	180	185	185	180	180	205	280	275	275	275	295	250	145	85	45	75	50	245	185	160	205	210	160	170	9
26	170	170	170	165	165	165	165	165	175	260	245	235	255	245	230	215	185	165	160	160	165	195	150	135	[VA]
27	80	105	125	135	80	100	105	135	95	150	185	215	195	195	200	220	255	285	290	235	195	170	280	285	10
28	275	275	260	210	205	165	155	190	205	260	250	265	270	285	255	290	305	315	340	5	0	90	140	140	13
29	170	145	150	200	155	145	160	160	270	260	280	25	5	0	0	355	325	20	30	10	340	350	355	295	1
30	270	270	210	160	160	165	170	165	195	310	260	255	285	305	265	315	195	35	35	75	145	155	145	150	8
31	145	130	145	150	140	145	95	90	60	310	295	270	270	285	260	260	250	190	175	160	165	170	155	155	8
PV	8	[VA]	[VA]	8	[VA]	7	8	7	4	[VA]	14	13	14	13	13	[VA]	12	[VA]	13	9	[VA]	8	8	8	8

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	150	135	140	120	120	105	115	60	25	190	185	190	185	190	190	200	205	200	195	185	195	220	180	275	[VA]	
2	215	170	170	170	170	170	160	200	285	295	10	25	305	350	320	310	320	310	345	95	160	155	155	150	9	
3	150	145	150	150	150	145	140	125	110	295	295	280	285	280	265	290	310	340	355	70	150	165	145	145	7	
4	150	150	155	160	150	130	140	135	65	345	295	310	310	330	50	215	195	165	160	150	155	140	155	160	[VA]	
5	160	155	165	150	150	160	155	160	265	275	25	340	55	110	120	150	175	135	175	185	220	190	170	160	8	
6	155	150	145	175	180	195	195	165	215	220	230	240	240	235	245	225	230	260	240	240	205	220	200	190	11	
7	195	200	180	180	175	165	170	230	255	265	295	320	20	40	50	50	50	50	65	80	65	325	200	145	[VA]	
8	160	150	170	160	155	160	140	135	320	265	310	270	300	240	45	15	145	160	175	145	110	155	135	135	8	
9	170	160	145	185	315	65	270	205	270	290	265	260	250	260	290	280	280	305	300	285	295	255	190	165	[VA]	
10	160	155	150	155	150	140	150	245	280	305	280	270	295	250	290	325	25	40	35	80	140	165	170	155	8	
11	145	150	140	150	155	150	140	90	45	290	325	300	230	190	185	180	185	175	190	155	160	145	155	155	8	
12	145	110	150	155	160	170	140	140	205	180	165	165	190	195	145	130	135	145	145	160	155	155	160	160	8	
13	160	160	160	160	165	165	180	190	185	190	170	180	195	195	195	185	175	180	195	130	145	220	100	170	9	
14	200	160	80	135	120	155	100	150	145	270	225	175	175	270	255	65	340	285	240	150	155	200	220	140	8	
15	195	180	165	170	165	165	160	180	190	180	180	180	180	185	180	190	195	200	255	310	335	20	45	30	9	
16	105	135	125	75	55	65	115	160	185	205	215	280	280	285	290	245	195	190	205	235	165	60	0	65	10	
17	15	5	300	265	270	310	300	295	260	235	130	75	15	70	70	45	60	80	95	120	155	215	270	220	[VA]	
18	135	155	160	150	140	120	155	150	155	150	0	305	220	145	155	160	165	170	200	255	165	155	150	165	[VA]	
19	45	155	160	160	165	225	165	150	160	80	250	250	240	165	210	280	250	160	165	0	10	330	270	165	8	
20	155	160	155	150	155	205	150	155	170	155	140	230	290	300	245	240	250	255	260	205	195	170	170	185	8	
21	150	355	285	160	175	165	145	160	230	285	275	280	275	275	285	280	270	275	305	305	195	160	155	150	13	
22	150	145	90	75	35	250	340	235	190	190	215	235	225	275	255	125	85	250	210	170	155	260	275	270	11	
23	240	205	270	275	280	285	275	270	280	280	290	290	290	285	280	285	300	320	350	0	10	125	155	160	[VA]	
24	165	155	155	150	150	150	135	85	275	295	10	290	300	300	295	290	245	320	40	150	160	165	165	165	8	
25	130	125	180	80	80	125	100	10	215	200	275	290	225	170	175	220	280	290	185	160	145	135	105	235	7	
26	275	270	220	165	185	180	200	180	190	195	160	180	220	215	240	220	240	285	315	60	150	200	45	175	9	
27	175	160	250	240	265	190	170	170	300	335	270	300	245	105	15	20	330	335	325	355	30	165	165	170	9	
28	195	170	170	165	160	135	135	90	25	330	295	280	300	295	295	295	290	320	25	75	135	155	150	135	8	
29	130	80	160	160	180	160	155	190	65	50	335	45	290	310	285	300	330	0	25	65	80	40	70	80	8	
30	70	75	70	70	70	50	50	55	60	55	55	50	40	40	60	55	25	25	25	30	115	170	170	150	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	8	8	8	8	8	8	8	8	[VA]	14	14	14	14	13	14	14	[VA]	15	9	8	8	8	[VA]	8	8	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	140	155	160	170	130	160	110	65	140	5	10	295	340	325	270	280	265	295	25	55	155	165	160	125	[VA]	
2	155	150	100	140	150	95	160	140	125	175	350	280	270	5	285	295	275	270	260	210	165	110	110	160	8	
3	100	160	130	80	155	75	150	85	150	340	50	250	315	290	295	270	305	300	285	20	295	295	210	5	14	
4	300	35	300	295	290	305	190	185	170	175	175	180	180	185	185	180	170	175	135	180	180	180	185	175	9	
5	180	175	170	195	30	45	45	50	45	45	40	45	45	40	40	50	40	45	45	45	40	45	45	40	3	
6	35	45	40	40	45	40	40	15	30	340	285	325	295	275	260	270	270	275	280	345	285	270	285	275	13	
7	275	275	275	325	220	295	305	275	285	315	270	275	285	270	265	265	270	270	265	270	270	240	215	160	13	
8	285	90	50	40	335	50	155	170	295	295	275	275	275	265	290	280	275	270	275	265	265	290	255	285	[VA]	
9	275	270	235	345	300	0	270	265	295	260	295	320	280	270	275	240	230	215	185	175	180	240	150	125	13	
10	250	215	185	165	140	180	165	175	105	265	330	335	5	340	330	280	280	190	160	175	165	165	160	165	8	
11	170	85	155	170	140	150	105	150	235	290	270	270	270	295	265	265	265	270	250	255	55	145	155	135	13	
12	140	165	160	85	145	175	30	210	305	285	280	275	265	275	270	265	270	285	225	290	355	215	135	135	13	
13	310	175	190	35	110	230	335	250	225	300	295	295	270	270	265	265	270	275	265	245	85	350	165	160	13	
14	165	130	55	290	155	170	25	120	120	315	265	255	280	160	50	240	160	165	175	160	160	165	160	150	8	
15	130	35	120	115	100	135	115	105	310	310	275	280	255	265	265	290	265	260	275	225	175	235	240	210	13	
16	145	155	165	165	170	170	170	170	175	190	275	280	290	275	225	275	275	225	210	205	200	185	180	195	9	
17	205	260	255	270	275	280	310	340	265	270	330	275	285	280	235	275	270	275	195	165	165	265	315	270	14	
18	240	330	10	230	195	165	180	195	230	290	280	285	285	295	300	290	280	285	260	270	230	170	175	165	13	
19	135	145	120	55	75	75	270	350	305	305	275	270	265	330	335	0	310	285	295	225	225	260	275	255	13	
20	290	320	305	275	265	270	300	0	355	15	0	0	0	10	25	25	15	30	35	40	45	65	160	160	2	
21	160	160	155	155	155	150	150	145	135	125	255	320	5	25	120	20	25	45	60	150	160	160	160	150	7	
22	150	155	135	110	160	155	160	155	125	225	10	320	275	280	285	300	330	275	215	125	155	165	160	160	8	
23	155	160	160	155	150	150	150	130	90	195	265	275	290	260	260	295	290	270	250	190	180	230	155	130	8	
24	155	165	140	110	320	230	145	150	235	275	260	270	275	170	155	95	330	355	80	110	165	165	165	165	8	
25	160	135	125	130	105	100	150	110	120	295	275	270	275	305	335	270	280	235	165	130	265	45	150	165	8	
26	115	135	145	145	130	125	130	145	155	315	280	275	275	275	265	285	325	255	150	145	190	250	165	155	7	
27	130	135	135	150	155	155	145	80	40	250	270	270	270	265	275	260	210	315	30	160	200	240	145	160	8	
28	150	125	80	140	115	130	135	120	55	75	280	215	355	280	260	220	225	205	190	165	165	140	95	285	7	
29	325	35	60	75	40	40	55	350	0	215	200	190	195	190	195	195	195	195	185	190	190	185	200	245	10	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	8	8	8	7	7	8	[VA]	7	7	14	13	13	[VA]	14	[VA]	13	13	[VA]	13	8	9	8	[VA]	8	13	

WIND DIRECTION # 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	260	200	195	195	190	195	200	210	185	190	190	190	190	195	205	205	205	200	210	290	290	275	200	295	[VA]	
2	30	65	70	70	70	45	30	85	60	55	45	25	355	325	280	295	230	280	290	220	230	195	165	175	4	
3	165	165	150	115	140	80	130	220	185	135	320	310	310	335	310	295	290	305	15	30	205	50	355	20	15	
4	300	245	180	165	160	160	175	160	200	300	25	20	45	80	50	75	115	100	130	135	165	165	50	260	8	
5	170	180	175	175	170	165	155	150	155	30	30	270	345	20	15	25	350	355	35	145	165	145	165	170	8	
6	160	160	130	160	140	105	165	150	100	20	340	305	295	285	290	295	280	260	270	135	170	150	110	115	8	
7	165	160	150	110	40	75	70	110	85	15	330	315	300	315	315	355	345	345	355	130	185	210	205	165	16	
8	170	135	95	125	75	125	150	100	70	355	330	310	310	330	290	290	285	280	290	265	195	185	170	165	14	
9	160	135	125	125	160	100	95	90	90	310	325	290	290	295	300	305	275	280	280	310	190	180	150	85	15	
10	165	115	165	145	70	115	70	100	310	340	310	290	280	275	285	285	275	270	285	200	170	175	170	100	14	
11	300	105	85	355	145	170	190	275	25	195	210	195	220	275	265	270	285	295	285	270	230	205	180	115	[VA]	
12	70	80	85	80	85	85	85	85	80	80	70	60	50	30	100	70	40	350	340	55	160	165	165	165	5	
13	165	140	130	155	115	80	95	55	55	315	330	355	340	325	320	325	310	300	265	210	155	140	180	105	15	
14	20	25	230	300	240	245	185	150	55	40	305	290	295	275	295	260	265	260	280	285	295	255	135	170	13	
15	175	165	175	180	175	150	215	150	325	295	270	250	300	220	270	85	15	130	100	135	155	160	180	170	8	
16	170	175	170	165	150	150	120	90	95	325	300	300	330	320	325	285	0	320	25	105	170	175	165	165	[VA]	
17	135	125	165	155	140	115	70	45	85	160	300	300	265	305	300	335	15	45	55	150	165	170	175	170	8	
18	165	170	160	160	130	145	155	135	90	25	315	305	285	200	190	185	190	180	180	175	180	190	200	205	[VA]	
19	200	195	185	195	255	280	280	280	280	285	280	280	285	290	280	280	280	275	275	275	285	300	300	280	13	
20	300	295	295	285	285	290	285	290	285	280	280	260	225	265	240	255	275	240	220	190	180	175	165	55	13	
21	260	230	210	165	165	160	190	240	270	275	280	280	295	280	285	285	285	285	280	320	330	170	170	160	[VA]	
22	155	150	150	145	135	135	110	115	95	5	310	310	315	335	290	255	180	190	160	150	170	165	30	60	8	
23	165	200	195	285	250	30	30	0	335	255	230	275	250	260	255	285	230	275	310	280	25	250	235	185	12	
24	175	170	160	150	145	150	150	140	95	25	305	290	295	260	245	240	235	235	185	160	185	180	180	185	8	
25	185	190	190	185	190	210	290	285	280	280	305	260	150	90	50	80	55	255	195	160	220	225	165	175	9	
26	175	170	175	170	170	170	175	170	180	270	250	240	260	250	240	210	190	170	165	165	175	195	160	140	9	
27	95	110	120	145	85	100	100	150	110	155	190	215	200	200	205	230	265	290	300	245	205	175	280	295	10	
28	285	285	265	230	220	170	160	200	210	265	265	270	280	295	285	300	315	320	350	15	15	75	130	115	14	
29	195	150	150	205	210	135	175	175	280	280	340	30	10	5	15	0	335	25	40	15	350	0	5	305	1	
30	285	280	235	170	165	170	175	170	200	315	265	265	295	310	275	325	195	40	45	80	150	165	160	160	8	
31	155	140	155	160	150	155	120	115	50	325	305	280	275	295	255	275	270	195	180	170	170	170	170	165	[VA]	
PV	9	8	[VA]	3	8	8	[VA]	8	5	13	15	13	14	15	13	[VA]	14	14	14	7	9	9	9	[VA]	9	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	160	135	135	115	105	80	100	55	30	190	190	200	190	195	200	205	210	205	200	195	205	225	205	285	[VA]
2	230	175	175	180	175	180	175	200	290	290	15	40	325	0	325	320	330	320	350	85	165	165	165	160	9
3	160	155	160	160	160	155	155	135	55	310	305	290	295	290	270	300	320	345	5	70	155	165	155	150	8
4	160	160	165	170	165	135	140	155	75	350	305	320	320	335	60	220	205	170	165	155	165	155	165	165	8
5	170	165	180	150	160	175	170	155	265	285	40	355	60	115	125	155	180	140	180	175	215	195	180	165	8
6	160	145	155	160	185	200	200	170	220	225	235	245	245	240	250	230	240	270	245	245	215	225	205	195	11
7	200	210	190	190	185	175	175	235	260	270	300	325	25	45	55	55	55	55	70	85	70	330	205	150	9
8	175	160	190	170	170	170	155	145	325	290	315	275	305	245	50	20	150	165	180	150	115	160	145	150	8
9	175	165	160	195	315	60	205	215	275	295	270	265	255	270	295	290	285	310	305	295	300	300	200	175	14
10	170	170	160	160	160	155	165	250	290	310	290	275	300	250	300	335	35	45	45	80	150	175	175	160	8
11	155	160	150	160	165	160	145	105	15	300	335	305	230	200	190	185	190	180	195	160	165	155	165	160	9
12	155	130	165	170	170	175	160	175	210	190	170	170	195	200	150	135	140	150	150	165	160	160	165	165	[VA]
13	165	165	165	170	175	175	185	195	190	195	175	190	200	200	200	190	180	185	200	140	150	230	80	170	9
14	205	170	90	135	130	160	110	135	150	275	230	160	180	275	260	75	355	295	235	155	160	200	230	160	8
15	205	190	175	175	170	170	170	185	200	185	185	185	190	190	190	200	200	205	265	335	340	25	55	45	[VA]
16	105	145	120	30	60	65	105	160	185	210	225	290	290	290	300	255	200	195	210	240	170	80	5	75	10
17	25	10	310	280	280	315	310	305	275	55	145	75	25	75	75	50	65	85	105	125	165	225	275	230	[VA]
18	155	160	165	160	150	130	165	160	160	155	25	310	225	150	160	165	170	175	205	265	175	160	155	170	[VA]
19	155	165	165	170	175	310	160	160	160	105	255	255	245	175	220	285	260	170	175	10	20	340	280	185	[VA]
20	160	165	160	150	165	210	165	165	180	165	145	235	295	310	250	250	260	250	270	215	195	170	175	185	9
21	155	345	290	170	175	175	165	165	235	290	285	285	280	280	295	290	280	285	310	310	215	170	165	160	14
22	160	160	100	70	40	300	330	240	195	200	220	240	235	285	265	140	120	255	220	180	165	270	285	280	13
23	250	225	280	285	290	290	285	280	285	290	300	300	295	295	290	295	305	330	0	5	15	120	135	170	[VA]
24	175	165	165	160	165	160	150	105	290	295	10	295	305	290	305	295	250	330	40	150	165	170	160	175	8
25	145	130	180	70	75	110	100	40	220	205	290	295	230	180	180	225	285	300	150	170	150	145	115	245	9
26	280	275	225	175	190	190	210	185	195	205	170	185	225	220	245	225	250	295	320	65	130	225	60	175	[VA]
27	185	170	260	260	275	205	175	175	310	335	280	310	250	60	30	25	345	335	335	0	25	165	170	175	9
28	200	175	175	175	165	150	150	100	30	340	305	285	300	300	305	305	325	330	30	80	125	165	160	150	8
29	145	125	170	165	180	170	160	140	70	55	355	50	300	320	295	305	335	10	30	70	90	65	75	85	4
30	80	80	75	75	75	65	60	60	65	60	60	55	45	45	65	60	30	30	30	35	120	170	175	155	3
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
PV	9	8	8	[VA]	8	9	9	8	14	14	14	14	14	14	14	14	9	9	10	8	8	8	9	9	9

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-10	-9	-10	-10	-10	-11	-11	-12	-12	-9	-7	-3	-2	0	-1	-1	-1	0	-3	-4	-5	-7	-8	-8	-6	0
2	-10	-9	-9	-11	-11	-12	-13	-13	-11	-9	-7	-5	-4	-3	-2	-3	-3	-4	-5	-8	-8	-8	-8	-9	-8	-2
3	-9	-10	-11	-11	-10	-12	-12	-13	-13	-10	-9	-6	-4	-3	-1	-1	-1	1	-3	-3	-3	-5	-7	-8	-7	1
4	-7	-8	-8	-8	-8	-6	5	5	5	5	5	4	5	5	5	6	5	5	4	4	4	5	5	5	2	6
5	5	5	5	5	-3	-3	-5	-6	-7	-7	-7	-7	-6	-5	-5	-6	-7	-7	-8	-9	-10	-10	-10	-10	-5	5
6	-10	-10	-11	-11	-11	-11	-11	-11	-11	-10	-9	-8	-7	-7	-6	-6	-7	-9	-9	-9	-9	-9	-9	-9	-9	-6
7	-9	-10	-10	-10	-10	-10	-9	-9	-9	-9	-8	-7	-7	-7	-6	-6	-6	-7	-9	-9	-10	-10	-11	-11	-9	-6
8	-10	-10	-10	-10	-10	-10	-10	-11	-11	-9	-9	-7	-6	-5	-3	-3	-3	-4	-5	-5	-5	-6	-6	-6	-7	-3
9	-5	-5	-5	-5	-5	-5	-5	-4	-4	-3	-3	-1	-1	-2	0	1	6	7	5	5	6	2	-2	-1	-1	7
10	1	3	2	2	3	3	2	2	2	3	5	5	6	6	6	6	6	5	3	1	-1	-1	-2	-2	3	6
11	-2	-3	-3	-5	-5	-6	-7	-7	-6	-3	-2	-1	1	2	3	3	3	2	0	-1	-2	-3	-5	-5	-2	3
12	-6	-5	-5	-6	-7	-8	-8	-8	-8	-6	-3	-2	-1	1	2	3	3	2	0	-1	-2	-3	-3	-4	-3	3
13	-3	-5	-5	-5	-5	-5	6	-6	-6	-3	-2	1	2	2	2	3	3	2	1	-1	-2	-2	-1	-3	-1	6
14	-3	-3	-3	-3	-3	-3	-3	-4	-3	-1	0	2	3	3	5	0	2	2	2	1	1	0	-1	-2	0	5
15	-2	-2	-3	-3	-3	-5	-5	-5	-3	-3	-1	0	2	3	5	5	4	3	2	0	0	1	1	-1	0	5
16	-3	-3	-3	-3	-3	-5	-3	-5	-3	-1	1	2	3	3	4	3	3	2	2	2	3	3	3	3	0	4
17	2	-1	-1	1	-1	-1	-2	-3	-3	-2	0	1	2	3	3	3	4	3	1	0	-1	1	2	2	1	4
18	1	1	0	-1	1	1	2	2	3	3	4	5	6	6	6	6	5	5	3	3	1	-1	-2	-2	2	6
19	-3	-2	-5	-3	-5	-5	-6	-5	-5	-2	-1	0	3	5	7	7	5	3	1	1	0	-1	-3	-3	-1	7
20	-3	-3	-3	-3	-4	-4	-3	-3	-3	-3	-2	-2	-1	0	0	0	-1	-2	-3	-3	-4	-6	-9	-10	-3	0
21	-11	-11	-11	-13	-14	-14	-14	-14	-13	-9	-6	-3	-3	-2	-1	0	0	-1	-3	-6	-6	-7	-9	-11	-8	0
22	-11	-11	-12	-13	-13	-13	-14	-14	-13	-10	-7	-5	-2	-1	0	1	1	-1	-3	-5	-7	-8	-8	-9	-7	1
23	-10	-10	-11	-11	-12	-13	-13	-12	-11	-8	-5	-4	-2	-1	1	2	3	2	0	-3	-5	-3	-5	-6	-6	3
24	-5	-5	-5	-5	-4	-3	-4	-5	-3	-2	-1	0	1	1	3	6	7	6	3	1	0	-1	-2	-3	-1	7
25	-3	-3	-3	-5	-5	-5	-6	-6	-4	-2	1	3	4	7	8	9	9	8	6	5	5	3	2	1	1	9
26	0	-2	-3	-3	-3	-3	-5	-4	-3	-1	-2	3	6	7	8	9	10	8	6	3	3	2	1	0	2	10
27	0	-1	-2	-3	-3	-3	-3	-3	-1	1	3	4	6	7	8	10	11	11	9	5	4	3	2	0	3	11
28	-1	-2	-2	-3	-3	-3	-3	-3	-2	0	2	3	6	9	11	14	14	13	11	8	9	8	8	8	4	14
29	7	5	5	3	3	3	4	5	5	8	11	11	14	13	13	13	14	13	11	11	11	11	11	10	9	14
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-4	-4	-5	-5	-6	-6	-5	-6	-5	-4	-2	-1	1	2	3	3	3	2	1	-1	-1	-2	-3	-3	-2	[ ]
SD	5	5	5	5	4	5	6	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	4	[ ]

OUTPT [VERSION N 26 APR 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	8	7	7	7	6	6	7	8	8	9	10	11	11	10	11	9	9	8	3	0	0	-2	-2	7	11
2	-2	-3	-3	-3	-4	-5	-5	-5	-3	-2	-3	-2	-2	-2	-2	-2	-3	-3	-4	-5	-5	-5	-9	-9	-4	-2
3	-11	-11	-13	-12	-13	-14	-15	-16	-14	-11	-10	-8	-7	-6	-6	-6	-7	-7	-8	-8	-8	-7	-7	-8	-10	-6
4	-7	-8	-8	-8	-8	-8	-7	-7	-6	-5	-5	-4	-5	-5	-5	-4	-4	-5	-5	-6	-6	-7	-7	-8	-6	-4
5	-9	-10	-11	-11	-13	-14	-16	-16	-15	-13	-11	-8	-7	-6	-5	-5	-6	-7	-8	-11	-12	-13	-14	-14	-11	-5
6	-14	-16	-16	-17	-17	-18	-18	-18	-16	-14	-11	-9	-7	-6	-5	-5	-5	-6	-7	-9	-10	-11	-12	-13	-12	-5
7	-13	-14	-14	-14	-14	-15	-15	-14	-13	-11	-8	-6	-5	-3	-3	-3	-3	-3	-4	-5	-8	-9	-10	-10	-9	-3
8	-11	-11	-11	-12	-11	-11	-12	-11	-10	-8	-5	-4	-2	-1	1	1	1	0	-1	-3	-5	-7	-6	-8	-6	1
9	-8	-9	-9	-9	-10	-10	-10	-10	-7	-5	-3	-1	1	2	3	3	3	3	2	0	-2	-3	-3	-3	-4	3
10	-6	-5	-5	-6	-6	-6	-7	-7	-4	-2	1	2	3	4	5	5	6	5	5	2	0	-1	-1	-1	-1	6
11	-1	-1	-1	-2	1	1	1	0	0	2	4	5	2	0	0	0	-1	-1	-3	-3	-4	-5	-5	-5	-1	5
12	-5	-6	-7	-7	-8	-8	-9	-9	-8	-8	-7	-6	-5	-4	-3	-3	-3	-3	-5	-5	-6	-8	-8	-9	-6	-3
13	-9	-9	-9	-10	-10	-10	-10	-10	-8	-6	-4	-3	-1	-1	0	1	1	1	-1	-1	-2	-3	-2	-2	-5	1
14	-2	-2	-2	-2	-2	-3	-3	-3	-2	0	2	3	3	4	5	3	5	3	4	3	2	1	1	0	1	5
15	-1	-2	-2	-2	-2	-2	-2	-2	1	1	2	3	4	4	5	6	6	6	5	3	1	0	0	-1	1	6
16	0	-2	-2	-3	-3	-3	-3	-2	0	2	4	6	7	8	8	9	10	9	8	7	5	4	3	3	3	10
17	2	1	-1	-1	-1	0	-1	0	2	3	6	9	11	12	13	13	13	13	11	9	8	6	5	5	6	13
18	5	3	2	2	1	0	-1	1	3	7	10	11	14	16	16	15	15	14	14	13	14	13	13	11	9	16
19	11	10	10	8	8	6	3	1	1	2	2	3	3	2	2	2	2	2	0	0	-1	-3	-2	-3	3	11
20	-2	-3	-3	-3	-4	-5	-4	-3	-3	-1	-1	1	2	3	3	4	5	5	4	2	1	0	-1	-1	0	5
21	-1	-1	-1	-2	-2	-2	-1	1	4	5	6	7	8	9	9	9	9	9	7	7	6	2	1	0	4	9
22	-1	-1	-2	-2	-2	-2	-3	-1	1	4	7	9	11	11	12	14	14	13	11	8	8	6	7	6	5	14
23	8	9	9	8	7	6	6	6	8	11	13	13	14	14	14	13	14	13	11	9	9	7	7	4	10	14
24	3	2	1	1	-1	-1	-1	0	3	8	9	11	12	14	15	16	16	15	14	12	13	13	13	13	8	16
25	13	12	11	11	11	10	8	7	6	5	2	0	0	-2	-2	-1	-2	-2	-3	-3	-3	-4	-5	-6	3	13
26	-6	-6	-7	-7	-9	-9	-9	-7	-4	-2	-1	1	2	3	4	6	6	5	3	2	1	0	-2	-3	-2	6
27	-2	-2	-3	-3	-3	-3	-5	-4	0	5	7	7	8	8	8	8	7	5	2	-1	-1	-2	-2	-2	1	8
28	-2	-3	-3	-4	-5	-7	-7	-5	-4	-3	-1	0	1	2	3	3	3	3	2	0	-1	-3	-4	-5	-2	3
29	-5	-6	-7	-8	-8	-9	-9	-6	-3	-1	1	3	3	4	3	4	4	3	2	2	1	-1	-1	-1	-1	4
30	-2	-3	-5	-6	-6	-6	-6	-5	-2	1	2	3	5	5	6	7	7	7	7	5	3	1	0	-1	1	7
31	-2	-2	-3	-4	-5	-5	-5	-3	1	4	6	8	9	11	12	13	13	13	11	9	8	6	3	2	4	13
AV	-2	-3	-3	-4	-4	-5	-5	-5	-3	-1	1	2	3	4	4	4	4	4	3	1	0	-1	-2	-2	0	( )
SD	7	7	7	6	7	6	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	( )

OUTPT (VERSION N 26 APR 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	1	0	-1	-2	-2	-2	2	6	11	15	15	16	16	18	18	18	17	16	15	14	12	9	8	9	18
2	7	5	3	2	1	0	-1	0	3	7	8	10	12	14	15	15	16	15	14	11	8	6	5	3	7	16
3	2	1	0	-1	-1	-2	-2	0	3	7	10	12	14	16	17	18	18	18	17	14	10	8	7	5	8	18
4	5	3	2	1	1	1	1	2	6	10	13	15	17	18	18	17	15	15	15	12	10	9	8	7	9	18
5	6	5	4	3	2	2	2	3	4	6	9	12	13	14	15	11	8	6	6	5	5	5	4	4	6	15
6	3	2	2	2	3	3	3	3	4	6	7	8	8	8	8	9	8	7	7	7	7	6	6	6	6	9
7	6	6	6	5	4	4	5	6	6	8	10	11	11	13	13	12	13	12	11	10	9	9	8	5	8	13
8	5	5	4	3	1	2	1	3	6	9	11	13	15	16	17	17	17	17	16	13	10	9	7	7	9	17
9	9	10	10	10	9	7	6	8	10	12	13	14	14	15	15	16	15	15	13	12	11	8	6	4	11	16
10	3	2	1	0	-1	-1	-1	1	5	8	10	12	13	15	16	17	17	17	16	14	12	9	8	6	8	17
11	5	4	3	2	1	0	0	3	6	10	14	17	19	21	21	22	21	21	20	17	14	11	10	9	11	22
12	7	7	8	8	8	8	8	11	15	17	18	17	17	16	14	14	13	14	13	12	11	11	11	11	12	18
13	11	11	10	9	8	9	9	10	10	9	10	11	11	12	12	12	12	11	9	7	7	6	5	5	9	12
14	5	6	5	5	5	5	5	7	8	9	10	11	11	10	8	7	9	9	7	4	4	4	4	3	7	11
15	5	4	4	4	4	4	4	6	7	8	9	10	10	11	11	11	11	10	7	4	4	3	3	3	7	11
16	2	2	2	2	2	2	2	4	6	7	8	8	9	11	11	11	8	4	3	3	3	3	3	2	5	11
17	2	2	2	2	2	2	2	2	1	1	2	3	5	6	7	8	8	8	8	7	7	7	6	4	4	8
18	3	2	2	2	2	2	3	3	4	6	7	8	8	6	6	7	7	6	6	5	3	2	2	3	4	8
19	2	2	2	2	2	2	3	4	5	6	6	7	8	10	11	11	11	11	11	10	9	8	8	6	7	11
20	4	3	3	2	1	1	1	4	7	9	10	11	12	13	14	15	16	16	15	14	12	10	10	10	9	16
21	10	10	10	9	8	6	6	9	13	14	16	17	18	18	18	18	19	18	17	16	15	11	10	8	13	19
22	7	6	6	6	6	8	11	13	17	18	18	19	20	17	15	16	17	18	17	16	14	14	12	12	13	20
23	11	10	11	10	10	9	9	10	11	12	13	14	14	15	15	16	16	15	14	12	10	8	7	5	12	16
24	3	2	1	1	0	0	0	3	7	9	12	13	14	16	17	18	18	19	18	15	13	12	10	10	10	18
25	9	8	7	7	5	5	5	8	15	18	15	17	18	20	20	17	9	6	5	5	4	4	4	4	10	20
26	4	3	2	0	0	1	1	-1	-2	-1	-1	0	1	2	4	5	5	3	2	1	1	0	1	1	1	5
27	0	1	0	0	-1	-1	0	0	2	3	5	6	8	9	10	10	11	11	9	8	7	4	3	3	5	11
28	2	2	2	1	0	-1	0	3	6	8	10	12	14	15	16	16	16	16	14	13	11	10	9	8	8	16
29	8	7	6	5	5	5	5	8	11	12	13	15	16	17	18	18	17	17	15	14	12	11	10	9	11	18
30	8	8	8	7	7	6	6	7	9	10	11	12	12	13	13	14	14	14	13	12	10	8	6	5	10	14
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	4	4	3	3	3	5	7	9	10	12	13	13	14	14	13	13	12	10	9	8	7	6	8	[ ]
SD	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	4	4	3	3	3	3	[ ]

OUTPT [VERSION N 26 APR 76]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.4	1.4	1.1	1.3	.8	1.3	.8	1.6	1.3	.6	.3	.4	.1	.1	.1	.0	.1	.2	.3	.5	.9	1.3	1.3	1.4	.8	1.6
2	2.2	1.3	.7	1.6	1.2	1.6	1.8	.9	.5	.3	.2	.2	.1	.1	.0	.1	.1	.3	.3	.9	1.7	1.4	1.4	2.1	.9	2.2
3	.8	1.8	1.3	1.3	1.3	1.0	1.7	1.3	1.6	.2	.1	.3	.3	.1	.1	.0	.1	.2	.4	.7	.7	.7	.9	1.4	.8	1.8
4	.8	1.4	1.2	1.8	.7	1.9	.7	.1	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	.1	.0	.0	.0	.1	.0	.3	1.9
5	-.1	-.1	-.1	.1	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	.0	-.1	.0	-.1	.0	1.5
6	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.2	.2	.4	.3	.3	.2	.2	.1	.0	.0	.0	-.1	.0	-.1	.0	.1	.4
7	-.1	-.1	.0	-.1	-.1	.0	-.1	.0	.0	.0	.1	.2	.1	.2	.2	.2	.1	.1	.2	.1	.2	.1	.2	.2	.1	.2
8	.1	.4	.3	.4	.2	.3	.3	.4	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	.1	.4
9	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.1	.0	.1	.1	.0	.9	.4	.0	.0	.0	.1	.2	.4	.1	.9
10	1.9	1.0	.6	.5	.1	.4	.7	.3	.5	.4	.1	.0	-.1	.0	.0	.0	-.1	.0	.6	.4	.9	.9	.9	.3	.4	1.9
11	.2	.7	.6	.5	.5	.7	.7	.7	.4	.1	.0	.0	-.1	.0	-.1	-.1	-.1	.1	.2	.4	.7	.6	1.0	.8	.4	1.0
12	1.4	1.0	.5	.5	1.0	.7	.6	.9	.4	.2	.0	.0	-.1	.0	-.1	.0	.0	.0	.1	.2	.2	.0	.3	.2	.3	1.4
13	.1	.3	.5	.5	.6	.6	.3	.4	.3	.2	.1	-.1	-.1	.1	.0	.0	.0	.0	.1	.4	.4	.5	.6	.6	.3	.6
14	.5	.3	.4	.4	.3	.2	.6	.4	.1	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.1	.2	.4	.3	.5	.2	.6
15	.4	.8	1.1	1.1	.6	1.5	.6	.8	.2	.0	.0	-.1	-.1	-.1	-.2	-.1	-.1	.1	.0	.0	.1	.1	.1	.3	.3	1.5
16	.9	.6	.1	.2	.2	.0	.2	.1	.0	-.2	.0	.0	-.1	-.1	-.1	.0	.0	.0	.1	.0	-.1	-.1	-.1	.0	.1	.9
17	.1	.0	-.1	-.1	.0	.0	.0	.1	-.1	.0	-.2	-.1	-.3	-.2	-.2	-.2	-.1	-.1	.4	.2	.0	.0	-.1	-.1	.0	.4
18	.0	-.1	.6	.7	-.1	.3	.3	.0	-.2	-.2	-.2	-.2	-.4	-.4	-.3	-.3	-.2	-.1	.0	.0	.1	.1	.1	.0	.0	.7
19	.1	.4	.6	1.1	.7	.5	.6	.6	-.1	-.2	-.1	-.1	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.1	1.1
20	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	.2	.3	.4	.2	.2	.2	.2	.1	.2	.2	1.2	1.6	.9	.2	1.6
21	.3	.3	.3	.9	.7	.4	.5	.5	.1	.1	.4	.6	.3	.2	.0	.1	.0	.1	.5	.6	.4	.2	.5	.4	.4	.9
22	.4	.7	.2	.4	.6	.6	.6	.7	.0	.2	.2	.1	-.1	.0	.0	-.1	-.1	.0	.1	1.4	1.6	.4	.5	.4	.4	1.6
23	.5	.6	.6	.6	.8	.6	.5	.3	.0	-.1	.0	.0	-.1	.0	-.1	.0	.0	.0	.2	1.0	.6	.4	.9	1.0	.3	1.0
24	.4	.4	.3	.2	.2	.2	.1	.1	.2	-.1	-.2	-.1	-.1	-.1	-.3	-.1	-.1	.1	.4	1.8	.2	.4	.5	.6	.2	1.8
25	.6	.8	.6	.4	.5	.8	.7	1.0	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.1	.2	.1	1.0	1.5	1.3	.4	1.5
26	.4	1.5	1.5	1.2	.7	.6	.6	1.0	.1	.0	-.1	-.1	-.1	.0	-.2	-.2	-.2	.0	.6	1.5	1.2	.9	1.4	1.5	.6	1.5
27	.7	1.1	.8	1.0	1.0	.9	.7	.6	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.1	.0	.3	.6	.8	.7	1.2	.6	.4	1.2
28	1.1	1.2	1.0	1.1	1.0	1.2	1.0	.5	.3	-.1	-.1	-.2	-.2	-.1	.2	-.2	-.1	.0	.3	.0	-.1	.0	.3	.1	.3	1.2
29	.1	1.1	1.4	2.4	2.5	2.2	1.9	1.7	.7	.3	-.3	-.3	-.4	-.4	-.3	-.2	-.2	-.1	-.1	-.1	.0	.1	.0	.0	.5	2.5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.5	.6	.5	.7	.6	.6	.6	.5	.2	.1	.0	.0	-.1	.0	-.1	.0	.0	.0	.2	.4	.4	.4	.5	.5	.3	[ ]
SD	.6	.6	.5	.6	.6	.6	.5	.5	.4	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	.5	.5	.4	.6	.6	.2	[ ]

OUTPT (VERSION N 26 APR 76)

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.3	.2	-.2	-.2	-.2	-.2	-.2	-.1	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	.3
2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.1	.4	.1	.4	.4	.2	.3	.0	-.1	-.1	-.2	-.2	-.2	.0	.5	.6	.0	.6
3	1.0	.6	.5	.8	1.0	.6	.6	.9	.9	.2	.5	.8	.8	.7	.4	.3	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.2	.4	1.0
4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.2	.3	.3	.3	.3	.3	.2	.0	.0	-.1	.0	.1	.0	.1	.1	.0	.3
5	.7	.9	.5	.3	.3	.9	.7	.8	.5	.7	.8	.6	.8	.8	.7	.5	.3	.3	.3	1.1	.8	.8	1.2	.6	.7	1.2
6	.6	.7	.4	.9	.5	.9	.8	.6	.4	.6	.7	.7	.6	.6	.5	.5	.3	.0	.1	1.0	.7	.6	.7	.9	.6	1.0
7	1.0	1.1	.4	.5	1.2	.9	.7	.9	.2	.4	.7	.7	.7	.7	.6	.5	.2	.0	.0	.2	.7	1.0	1.6	1.1	.7	1.6
8	.7	.6	1.0	.6	1.1	.9	.8	.7	.2	.4	.6	.5	.4	.3	.3	.2	.1	.0	-.1	.3	1.5	1.8	.7	1.0	.6	1.8
9	.7	.7	.6	1.0	1.0	1.0	.7	.9	.1	.3	.4	.3	.0	.2	.1	.0	-.1	-.1	.0	.2	.9	.4	.6	.6	.4	1.0
10	1.4	1.0	1.2	.6	.5	.8	.8	1.0	.3	.2	.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.8	.8	.9	.2	.4	.4	1.4
11	.5	.4	.4	.6	.3	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.1	.0	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.1	.6
12	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	.0	.1	.2	.2	.0	-.1	-.1	-.1	.0	-.1	-.1	.3	.6	.1	.0	.0	.0	.6
13	.0	.0	.0	-.1	-.1	.1	.1	.1	-.1	.0	.1	.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	.1	.6	.5	.1	.0	.0	.6
14	.2	.0	.0	.0	-.1	-.1	.0	.1	-.1	-.1	.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.5	.4	.0	.5
15	.5	.6	.1	-.1	.0	.1	.2	.0	.0	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	.1	.3	.5	.2	.1	.2	.1	.6
16	.3	-.1	.0	.3	.1	.0	.1	.2	-.1	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	.1	.1	.2	.5	.4	.0	.5
17	.4	.9	.6	.5	.2	.3	.7	.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.1	.2	.3	.5	.5	.7	.6	.2	.9
18	1.2	.9	.9	.8	.7	.6	.7	.4	-.2	-.2	-.2	-.1	-.3	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.1	.0	.1	.1	1.2
19	.1	.2	.1	.2	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.3	-.2	-.2	-.1	-.1	-.2	.2
20	-.1	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.1	-.2	-.1	.3	.6	.4	-.1	.6
21	.1	.1	.0	.3	.1	.5	.8	.1	-.2	-.2	-.3	-.4	-.6	-.4	-.4	-.4	-.3	-.2	-.2	.0	.1	.9	.2	.3	.0	.9
22	.3	.2	.1	.0	.0	.2	.2	.0	-.4	-.2	-.2	-.2	-.4	-.3	-.2	-.3	-.3	-.2	-.1	.4	.2	.5	.8	1.3	.1	1.3
23	.7	.1	.0	.0	.6	.8	1.5	1.3	.0	-.2	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.1	.0	.5	.8	.3	.9	.2	1.5
24	.3	.2	.6	1.1	.8	.4	.7	.0	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	.0	1.1
25	-.2	-.2	-.1	-.2	-.1	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.2	.0	.1	-.1	-.1	-.2	.1
26	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.1	.5	1.0	-.1	1.0
27	.7	.9	1.0	1.3	1.3	1.0	1.0	.8	-.2	-.3	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.2	.0	-.2	.1	1.3
28	-.1	-.2	-.2	-.1	.5	.3	.2	-.3	-.3	-.3	-.2	-.4	-.2	-.2	-.3	-.3	-.3	-.3	-.2	.0	-.1	.5	1.0	1.2	.0	1.2
29	1.6	1.3	1.4	.7	.9	1.4	1.6	-.1	-.1	-.2	-.2	-.4	-.5	-.5	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.2	-.1	-.1	.2	1.6
30	.0	.2	.7	.7	.1	-.1	-.1	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.1	-.1	.2	.5	.5	.6	.0	.0	.7
31	.2	.4	.5	.6	.3	.3	.6	-.1	-.4	-.3	-.2	-.2	-.4	-.2	-.2	-.3	-.2	-.2	-.3	-.1	-.1	.4	.4	1.6	.1	1.6
AV	.4	.4	.3	.3	.3	.3	.4	.2	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	.1	.2	.3	.3	.4	.1	[ ]
SD	.5	.4	.5	.4	.5	.5	.5	.5	.3	.3	.4	.4	.4	.4	.3	.3	.2	.1	.2	.4	.4	.5	.4	.5	.3	[ ]

OUTPT [VERSION N 26 APR 76]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.6	1.2	1.9	2.0	1.9	1.8	1.6	.3	.0	-.3	-.5	-.5	-.6	-.5	-.5	-.4	-.3	-.3	-.3	-.1	.0	.1	1.0	.0	.4	2.0
2	-.1	.3	.2	.0	.0	.1	.3	-.2	-.3	-.2	-.4	-.3	-.3	-.3	-.5	-.4	-.3	-.3	-.2	.7	.6	.2	.4	.2	.0	.7
3	.3	.3	.4	.6	.3	.5	.4	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.2	.1	1.8	.2	.0	.3	.1	1.8
4	.3	.3	.8	.6	.5	.2	.4	.0	-.3	-.4	-.3	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.1	.3	.4	.1	.3	.1	.0	.8
5	.1	.2	.4	.9	.9	.8	.8	.4	.2	-.4	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.2	-.2	.0	.9
6	-.2	-.3	.0	-.2	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	.0
7	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.5	-.4	-.5	-.5	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.1	-.3	-.1
8	.2	.2	.3	.7	.4	.2	.1	-.5	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.3	.2	.5	.4	.6	1.1	.0	1.1
9	.6	.3	.7	.9	.6	.8	1.0	.2	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.4	-.4	-.3	.6	1.0	.3	.0	1.0
10	.1	.2	.2	.0	.1	.0	.3	-.3	-.4	-.5	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.3	.0	1.0	.0	-.3	.0	-.1	1.0
11	.1	.1	.1	.1	.4	.6	.0	-.5	-.4	-.4	-.6	-.4	-.5	-.5	-.6	-.5	-.5	-.4	-.3	.1	.5	.3	.1	.1	-.1	.6
12	.1	.4	1.8	1.7	.8	.4	1.4	.7	-.4	-.7	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.1	1.8
13	-.4	-.4	-.4	.0	.1	-.2	-.2	-.5	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.4	-.2	.1	.4	.3	-.4	.4
14	-.3	-.4	-.3	-.1	-.1	.1	.2	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.4	-.3	-.3	-.2	.2	.3	-.3	.3
15	-.2	-.1	-.1	-.4	-.4	-.4	-.4	-.5	-.6	-.5	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.4	-.5	-.1
16	-.3	-.2	.1	.2	.0	.0	-.2	-.5	-.6	-.6	-.6	-.6	-.4	-.5	-.5	-.6	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	.2
17	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.5	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3
18	-.3	-.4	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.5	-.2	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.2
19	-.3	-.2	-.4	-.4	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.2	-.3	-.2	-.2	.4	-.3	.4
20	.8	-.1	-.1	.0	.1	-.1	.0	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.3	-.2	-.1	-.2	-.1	-.2	-.2	.8
21	-.3	-.1	-.1	.2	-.1	.2	.4	-.1	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.2	.5	.0	.1	.0	-.2	.5
22	.0	-.1	.3	1.6	2.4	.6	.6	.2	-.5	-.6	-.5	-.5	-.6	-.4	-.3	-.5	-.4	-.4	-.4	-.2	-.1	-.4	-.4	-.5	.0	2.4
23	-.4	.2	-.5	-.4	-.4	-.4	-.5	-.5	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.5	-.4	-.2	-.1	.7	1.3	.9	-.3	1.3
24	.4	.4	.0	.0	-.1	-.1	-.3	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.4	-.4	-.5	-.4	.1	-.2	-.2	.4	.0	-.2	.4
25	-.2	.7	.3	.6	.7	.6	.6	.2	-.5	-.6	-.6	-.6	-.6	-.8	-.7	-.6	-.6	-.4	-.5	-.5	-.5	-.4	-.3	-.3	-.2	.7
26	-.4	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.3	-.2	-.1	-.3	-.1
27	-.2	-.3	-.1	-.1	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.3	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.3	.1	.3	.0	-.1	-.2	.3
28	-.1	-.1	-.3	-.1	.1	.1	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.3	-.2	.2	.3	-.1	-.1	-.2	.3
29	.2	.5	.5	.8	.2	.2	-.1	-.5	-.5	-.5	-.4	-.5	-.5	-.6	-.5	-.5	-.6	-.5	-.4	-.5	-.4	-.3	-.4	-.4	-.2	.8
30	-.4	-.5	-.5	-.5	-.5	-.3	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.5	-.6	-.5	-.5	-.5	-.3	.1	.4	.9	.3	.4	-.3	.9
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.0	.0	.1	.3	.2	.1	.1	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.2	.0	.0	.0	.0	-.2	[ ]
SD	.4	.4	.6	.6	.6	.5	.6	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.5	.4	.5	.4	.2	[ ]

OUTPT [VERSION N 26 APR 76]

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      SIGMA THETA
      (DEGREES)
                                                            WHITE RIVER SHALE PROJECT,UTAH          ********************
                                                                                                    *                  *
                                                            SITE A  6                               *  PRELIMINARY DATA *
                                                                                                    *  AS OF 01/JUL/76  *
                                                            FEBRUARY,1976                           *                  *
                                                                                                    ********************
                                                            AEROVIRONMENT INC.                      *                  *
                                                                                                    *    SUBJECT TO    *
                                                                                                    *     REVISION     *
                                                                                                    *                  *
                                                                                                    ********************

                                           CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                 P
  A                                                                                                                                 E
  T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE    A
  E                                                                                                                                 K

  1    2    4    3    4    5    2    3    2   11   11   14   16   11   10    6    4    4    3    7    6   10    3    4    5    6   16
  2    2    2    8    5    5    5    9    2    6   19   15   16    9   14   11    6    3    3    6   11    4    5    6    3    7   19
  3    5    4    4    8   15   18   13   13    9   25   29   23   11    3  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]   13   29
  4   18   14   10   15   10    9   18    7    6    7    7    7    7    7    9    8    8    9   10   10    7    6    6    6    9   18
  5    7    6    6   10    8    3    5    6    5    4    3    4    4    3    4    5    6    6    5    4    5    4    4    4    5   10
  6    4    4    3    5    4    4    4    4    4   15   13   12   12    7    7   16    4    3    5    6    5    4    4    3    6   16
  7    6    4    5    7   14    7    7    6    7   11   11    9    7    7    5    4    4    4    3    3    6    8   18    7    7   18
  8   17   11    8    8   11    6   12    4    9   10    6    7    8   10   18    9    5    4    4    4    6    6    6    5    8   18
  9    4    5    9   12   17   10    8    7   11    8   18   13   10    5    6   12   15   11    7    6    6    5   15   12   10   18
 10   23   11    7    7   13    8   12    6   13   22    8    6   10    8    5    7    6    7    4    6    5    4    3    4    9   23
 11    6   15    4    9    4    5   10   12    8   17   14    9    8   16   10    6    6    6    3    8   13   12    6    3    9   17
 12    2    3    5    6    4    7    5    6   13   13   12    8    7   10   10   10    5    4    4    9    7    8    8    9    7   13
 13   14    9    4    9   11   11    7   14   10   13   12   17   12    5    5    6    5    3    9    8   20    9   10    5   10   20
 14    5    6   11    5   10   13    9   10   13   14   13   11   11   10   17    8    9    7    7    9    6    4    4    3    9   17
 15    4   12    6    3    8    6    4    7   18   10    8    7   13   16   30    6    5    5    4    7    7    9    6    6    9   30
 16    7    4    4    5    4    5    5    5    6    8    7    6    8    9   14    8    5    4    9    8    7    7    6    7    7   14
 17    7    6    8    6    5    5    6   12   19    8    3    6    5    6    6    5    6  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]    7   19
 18  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]
 19  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]
 20  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]    6    5    5    6    6    5    5    5    5    9   12   11    5    7   12
 21    4    5    4    0    1    1    1    4    3    8   23   27   17   20   27   16    8    5    4   10    4    5    5    5    9   27
 22    3    3    4    5    4    3    3    4    6   26   27   21   14   11   13   12   10    6    7   10    3    4    4    4    9   27
 23    4    3    3    3    2    3    4    4   10   27   20    8   13   13   25   14   16    4    6    7    4    9   10    9    9   27
 24    8   11    6    8   20   14   14   14    8    6    6    7   12   26   10   14   16    6    5   15   10    8    6    5   11   26
 25    6    6    4    5    6    9    4    5   12   35   10   11   12   15   15   15   11    8    6   14   12    9    4    8   10   35
 26    4    7    2    3    5    8    8    4   13   23   12   11   12   14   13    9    8    4    4    4    4   11    9    3    8   23
 27    6    5    5    3    2    2    3   14   17   23   10   13   10   10   14   12   18   17    4   10    7    7    5    4    9   23
 28    2    4    7    5    4    7    6    5   15   12   13   11   14   18   11    9    8    7    6    9   10   15   12   10    9   18
 29  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]
 30  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]
 31  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]  [ ]

 AV    7    7    6    6    8    7    7    7   10   15   13   11   10   11   12    9    8    6    6    8    7    7    7    6    8  [ ]
 SD    5    4    2    3    5    4    4    4    4    8    7    6    3    5    7    4    4    3    2    3    4    3    4    2    2  [ ]

 OUTPT  [VERSION N   26 APR 76]
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SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 6
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	8	7	7	7	7	9	11	8	7	8	8	8	8	8	9	8	8	8	6	4	7	8	7	8	11
2	6	5	5	7	9	7	6	8	9	8	5	5	6	6	5	6	5	5	4	7	5	6	8	7	6	9
3	4	4	4	7	5	6	6	8	8	10	11	9	8	8	8	9	5	7	6	6	9	6	6	5	7	11
4	6	7	6	5	4	5	6	6	5	6	6	5	7	8	8	7	6	4	5	5	6	4	8	6	6	8
5	4	4	5	5	5	5	3	3	4	6	6	6	8	6	5	5	5	2	4	5	4	3	3	3	5	8
6	3	3	4	3	6	6	2	2	4	7	7	9	7	7	7	7	7	7	5	3	5	5	5	5	5	9
7	3	2	4	6	6	3	3	4	6	5	6	6	6	6	6	6	6	5	3	5	5	5	5	3	5	6
8	4	4	7	4	4	5	4	6	6	7	9	8	8	9	10	8	6	4	3	4	5	4	3	2	6	10
9	2	3	4	3	4	4	4	5	8	11	8	10	9	10	9	9	6	5	4	3	5	7	3	4	6	11
10	5	5	5	3	5	12	4	4	4	5	6	6	7	6	8	9	6	4	2	3	5	4	6	8	6	12
11	7	8	6	7	8	7	6	4	6	8	9	10	9	4	6	7	6	5	5	6	7	12	10	4	7	12
12	6	6	6	6	6	6	6	7	7	7	9	8	8	6	6	6	5	5	4	4	4	4	4	3	6	9
13	5	7	6	4	7	8	9	5	4	5	6	7	7	7	8	8	8	6	3	4	5	4	4	4	6	9
14	4	5	5	5	5	5	7	6	7	7	10	9	10	8	8	9	8	6	6	5	5	10	10	6	7	10
15	3	4	4	6	5	5	5	8	9	7	8	8	8	7	6	6	6	5	6	5	4	4	4	6	6	9
16	5	5	5	5	5	4	5	8	8	8	7	7	6	6	6	6	6	5	5	6	4	6	4	3	6	8
17	6	5	3	3	4	6	4	5	3	4	4	4	3	4	4	4	4	4	3	4	5	5	4	4	4	6
18	4	9	4	3	6	5	4	6	6	6	7	7	7	8	8	7	7	7	7	7	6	7	7	6	6	9
19	7	6	5	5	7	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5	6	6	6	7
20	6	6	5	5	5	4	5	5	5	6	7	9	10	8	8	8	8	9	6	5	4	4	5	4	6	10
21	9	12	8	5	5	8	6	12	7	6	5	6	7	6	6	6	6	6	5	7	6	5	5	4	7	12
22	4	4	6	5	7	6	9	5	5	5	5	6	6	6	6	6	7	7	5	3	4	4	9	13	6	13
23	10	11	11	10	5	6	7	8	8	11	10	8	10	7	8	7	8	7	6	7	10	14	11	7	9	14
24	4	5	4	4	4	5	4	6	10	10	6	8	8	8	7	8	8	8	7	6	7	6	6	7	7	10
25	6	6	6	6	7	7	6	4	5	6	7	10	8	7	10	9	7	8	8	5	6	7	5	4	7	10
26	5	4	4	5	5	5	5	6	7	8	10	13	12	9	9	9	9	8	6	5	6	9	6	3	7	13
27	5	7	5	4	6	12	8	8	14	17	9	14	10	8	9	9	9	5	6	8	8	6	7	7	8	17
28	6	5	6	5	5	6	5	7	8	9	11	10	10	10	6	6	6	6	6	4	6	6	5	5	7	11
29	3	4	4	6	6	4	3	7	7	7	7	8	8	8	7	8	6	6	6	7	6	8	6	6	6	8
30	5	4	7	6	3	4	4	5	6	6	6	6	5	5	5	4	4	3	3	3	5	5	3	3	5	7
31	3	4	3	4	4	4	5	5	5	5	6	6	7	7	7	8	8	9	6	4	5	6	5	4	5	9
AV	5	6	5	5	5	6	5	6	7	7	7	8	8	7	7	7	7	6	5	5	6	6	6	5	6	[ ]
SD	2	2	2	2	1	2	2	2	2	3	2	2	2	1	1	1	1	2	1	1	1	2	2	2	1	[ ]

OUTPT [VERSION N 26 APR 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	6	5	6	7	8	8	8	9	9	9	9	9	8	8	9	9	9	8	7	6	6	6	6	7	9
2	8	5	4	4	4	5	5	7	10	8	7	7	7	6	6	6	5	5	4	5	4	5	3	4	6	10
3	4	3	3	2	2	2	2	4	6	8	10	12	11	10	10	9	9	7	4	5	4	4	3	2	6	12
4	2	3	3	3	4	5	5	5	8	9	10	11	11	10	10	11	8	6	5	3	4	4	6	4	6	11
5	5	5	5	7	5	4	3	5	7	5	7	9	9	8	7	7	8	7	8	8	9	8	7	6	7	9
6	5	7	9	9	7	9	9	15	12	10	9	8	9	8	8	9	9	7	6	7	7	8	10	7	9	15
7	7	7	6	6	7	7	5	10	8	9	10	11	11	12	9	7	6	6	5	5	5	6	6	5	7	12
8	5	4	6	3	3	4	3	7	9	10	11	12	13	14	12	8	7	7	7	4	6	3	4	6	7	14
9	3	4	3	4	5	7	8	7	9	7	8	8	9	10	7	7	6	6	5	5	5	4	5	5	6	10
10	4	4	4	4	3	5	3	6	8	9	9	8	8	8	8	8	7	7	5	5	7	8	7	8	6	9
11	5	4	3	3	3	3	3	9	10	10	9	9	9	9	9	9	8	7	7	4	3	3	3	3	6	10
12	4	6	5	5	4	5	5	8	11	8	8	8	9	9	8	6	6	5	5	6	5	5	5	5	6	11
13	5	5	5	5	4	6	5	7	7	8	8	9	9	9	9	9	8	8	7	6	5	7	4	9	7	9
14	4	7	6	6	7	5	4	7	11	11	11	8	8	7	6	8	9	7	5	6	5	8	9	7	7	11
15	7	6	5	8	10	7	7	8	8	8	8	9	9	9	9	9	9	8	8	6	8	7	5	4	8	10
16	6	3	12	9	4	5	9	7	8	9	6	6	8	10	9	9	10	8	9	7	7	6	7	5	7	12
17	5	6	7	6	7	7	6	5	5	5	7	8	9	8	10	9	10	8	5	5	6	8	4	6	7	10
18	7	5	5	4	4	5	5	6	7	6	5	5	5	6	5	7	7	6	8	6	6	5	4	6	6	8
19	5	5	4	5	6	4	4	4	6	7	8	8	9	11	12	10	9	14	6	6	7	8	5	8	7	14
20	4	4	4	3	4	5	6	7	8	14	14	11	12	10	17	9	9	7	7	6	8	7	8	8	8	17
21	8	9	5	4	4	4	6	8	8	9	11	8	6	8	7	7	6	7	5	5	6	4	5	4	6	11
22	4	4	6	5	4	5	6	7	9	8	8	8	9	8	7	8	8	7	8	5	3	7	5	6	6	9
23	9	7	7	5	4	5	6	6	7	6	6	7	6	6	8	7	9	7	5	4	4	6	4	4	6	9
24	4	4	5	4	4	4	6	10	11	12	11	11	10	10	9	9	9	8	8	7	7	5	9	7	8	12
25	12	6	6	6	7	7	6	5	8	9	6	7	7	9	8	8	6	5	6	6	6	6	6	9	7	12
26	7	5	9	7	7	7	7	7	7	8	6	8	11	11	9	12	9	6	7	4	5	5	6	4	7	12
27	5	6	7	4	7	5	7	9	9	10	11	12	12	11	9	8	7	6	5	7	6	5	5	4	7	12
28	5	5	4	5	5	4	7	8	10	11	11	11	9	10	9	7	5	5	5	5	6	5	4	5	7	11
29	3	5	7	6	7	7	5	6	6	7	8	8	10	11	10	10	9	6	5	7	5	7	7	6	7	11
30	7	8	7	6	6	8	9	9	9	9	7	7	8	9	9	9	8	7	6	5	4	3	4	3	7	9
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	6	5	5	5	6	7	8	9	9	9	9	9	9	8	8	7	6	6	6	6	6	6	7	[ ]
SD	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2	2	2	1	[ ]

OUTPT [VERSION N 26 APR 76]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.22	.20	.20	.18	.20	.20	.22	.18	.20	.22	.28	.38	.46	.44	.38	.30	.20	.16	.20	.16	.18	.18	.18	.18	.24	.46
2	.18	.22	.22	.18	.18	.18	.18	.18	.18	.24	.24	.28	.26	.24	.28	.24	.20	.20	.16	.16	.16	.18	.16	.18	.20	.28
3	.18	.18	.20	.18	.20	.18	.16	.16	.16	.26	.22	.28	.24	.26	.24	.22	.22	.16	.16	.16	.22	.20	.18	.18	.20	.28
4	.18	.18	.20	.30	.38	.36	.76	.84	.82	.82	.84	.82	.84	.82	.72	.82	.72	.58	.34	.62	.82	.76	.72	.70	.62	.84
5	.84	.84	.84	.76	.44	.34	.44	.52	.60	.54	.52	.58	.54	.50	.54	.64	.48	.46	.46	.46	.42	.42	.42	.34	.54	.84
6	.34	.34	.36	.36	.34	.28	.26	.22	.24	.30	.34	.46	.46	.46	.46	.46	.30	.22	.20	.20	.22	.20	.18	.20	.30	.46
7	.24	.22	.22	.22	.22	.18	.18	.18	.22	.34	.42	.48	.52	.46	.46	.44	.38	.26	.20	.18	.18	.18	.18	.18	.28	.52
8	.18	.18	.18	.16	.16	.18	.18	.16	.16	.22	.28	.38	.44	.42	.40	.36	.30	.26	.22	.22	.28	.24	.20	.20	.24	.44
9	.20	.20	.18	.18	.18	.18	.16	.18	.20	.22	.28	.32	.44	.34	.42	.34	.66	.76	.72	.70	.74	.48	.30	.22	.36	.76
10	.32	.34	.34	.30	.26	.32	.26	.28	.22	.22	.34	.36	.42	.48	.54	.42	.38	.20	.22	.34	.30	.24	.22	.34	.32	.54
11	.38	.22	.22	.28	.24	.22	.18	.20	.22	.26	.38	.46	.48	.52	.50	.44	.36	.28	.22	.20	.18	.20	.18	.16	.30	.52
12	.18	.18	.24	.24	.18	.16	.16	.16	.18	.24	.34	.42	.48	.50	.46	.42	.34	.28	.22	.20	.22	.20	.18	.16	.26	.50
13	.16	.18	.22	.18	.20	.16	.16	.16	.18	.24	.34	.44	.48	.46	.46	.46	.36	.24	.18	.16	.16	.16	.18	.18	.26	.48
14	.16	.18	.18	.18	.16	.18	.18	.18	.20	.22	.34	.36	.36	.38	.38	.50	.52	.66	.52	.44	.32	.26	.32	.24	.30	.66
15	.22	.28	.22	.22	.22	.20	.22	.20	.20	.28	.38	.34	.40	.44	.40	.32	.30	.22	.40	.28	.28	.40	.46	.28	.30	.46
16	.32	.34	.42	.38	.36	.44	.46	.46	.40	.54	.52	.62	.62	.62	.72	.46	.38	.24	.40	.36	.52	.66	.70	.68	.48	.72
17	.38	.76	.62	.84	.78	.70	.56	.42	.44	.44	.60	.70	.70	.72	.70	.60	.54	.28	.20	.28	.28	.32	.32	.38	.52	.84
18	.30	.22	.22	.26	.40	.30	.38	.48	.34	.40	.74	.82	.84	.70	.76	.76	.72	.70	.38	.36	.24	.34	.48	.48	.48	.84
19	.32	.22	.22	.22	.20	.22	.22	.24	.24	.38	.46	.50	.52	.54	.52	.34	.46	.56	.66	.54	.44	.52	.46	.42	.40	.66
20	.38	.34	.34	.28	.20	.28	.34	.42	.32	.70	.58	.58	.60	.60	.72	.68	.52	.54	.52	.48	.38	.34	.36	.36	.46	.72
21	.34	.42	.36	.28	.28	.40	.40	.36	.44	.40	.40	.38	.40	.42	.46	.44	.32	.24	.20	.24	.30	.36	.34	.32	.36	.46
22	.28	.32	.34	.28	.24	.26	.28	.28	.24	.38	.42	.46	.56	.56	.50	.48	.38	.28	.20	.18	.18	.26	.28	.30	.34	.56
23	.28	.24	.26	.24	.22	.22	.26	.22	.26	.40	.38	.42	.54	.46	.46	.48	.40	.22	.16	.20	.18	.18	.18	.18	.30	.54
24	.18	.16	.18	.22	.20	.28	.20	.20	.24	.38	.40	.48	.44	.48	.46	.46	.34	.24	.18	.20	.40	.42	.34	.36	.32	.48
25	.36	.28	.26	.28	.34	.28	.22	.22	.22	.38	.38	.52	.50	.54	.48	.48	.36	.24	.36	.32	.30	.20	.20	.22	.34	.54
26	.22	.20	.18	.18	.20	.18	.20	.20	.22	.34	.40	.52	.60	.62	.52	.50	.42	.22	.18	.20	.22	.18	.18	.22	.30	.62
27	.20	.18	.18	.20	.20	.22	.22	.24	.24	.36	.42	.48	.56	.56	.54	.48	.38	.24	.18	.18	.34	.22	.22	.34	.30	.56
28	.22	.30	.26	.20	.18	.22	.22	.18	.18	.24	.28	.34	.38	.46	.50	.70	.66	.46	.46	.52	.40	.38	.30	.30	.34	.70
29	.24	.26	.26	.32	.26	.30	.32	.30	.28	.64	.76	.86	.86	.84	.80	.80	.76	.66	.64	.70	.62	.56	.52	.38	.54	.86
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.28	.28	.28	.28	.26	.26	.28	.28	.28	.36	.42	.48	.52	.52	.50	.48	.42	.34	.32	.32	.32	.32	.30	.30	.36	[ ]
SD	.13	.16	.14	.15	.12	.11	.14	.15	.14	.15	.15	.15	.15	.14	.13	.15	.15	.18	.17	.17	.17	.15	.15	.14	.11	[ ]

OUTPT [VERSION N 26 APR 76]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.28	.42	.84	.74	.76	.74	.64	.64	.76	.84	.86	.84	.84	.88	.88	.86	.84	.84	.84	.76	.44	.24	.24	.26	.68	.88
2	.18	.26	.40	.58	.62	.48	.30	.32	.44	.46	.34	.38	.32	.34	.36	.42	.34	.20	.38	.24	.22	.24	.26	.30	.34	.62
3	.28	.34	.28	.28	.24	.22	.18	.16	.20	.20	.20	.22	.34	.34	.36	.40	.40	.34	.24	.18	.22	.20	.18	.18	.26	.40
4	.18	.22	.20	.30	.28	.30	.32	.20	.16	.18	.28	.30	.34	.32	.28	.28	.28	.28	.22	.22	.20	.16	.16	.16	.24	.34
5	.18	.24	.32	.34	.32	.34	.26	.24	.22	.22	.18	.18	.20	.24	.24	.20	.24	.20	.18	.18	.22	.24	.20	.24	.24	.34
6	.22	.28	.22	.22	.26	.22	.18	.18	.18	.22	.22	.32	.34	.40	.40	.36	.28	.20	.16	.18	.26	.24	.20	.20	.24	.40
7	.20	.20	.22	.24	.22	.20	.18	.18	.20	.22	.26	.56	.38	.40	.36	.32	.30	.22	.18	.18	.18	.16	.16	.18	.24	.56
8	.26	.24	.30	.22	.22	.18	.18	.18	.22	.24	.28	.36	.42	.42	.40	.36	.34	.24	.18	.18	.18	.16	.20	.20	.26	.42
9	.22	.20	.22	.18	.22	.18	.16	.16	.22	.26	.26	.34	.40	.44	.44	.46	.34	.22	.18	.18	.18	.24	.20	.18	.26	.46
10	.16	.18	.18	.20	.22	.20	.16	.18	.20	.24	.32	.42	.46	.42	.46	.46	.36	.24	.18	.16	.20	.20	.30	.30	.26	.46
11	.24	.18	.20	.20	.48	.68	.60	.34	.22	.40	.58	.58	.62	.38	.46	.62	.76	.82	.84	.70	.48	.36	.24	.20	.46	.84
12	.48	.74	.80	.85	.84	.76	.76	.72	.72	.78	.74	.66	.60	.56	.56	.54	.48	.36	.24	.18	.18	.22	.26	.32	.56	.66
13	.36	.34	.28	.28	.32	.28	.22	.22	.42	.44	.44	.50	.54	.58	.62	.56	.50	.36	.20	.18	.16	.16	.18	.18	.34	.62
14	.22	.22	.22	.13	.18	.16	.16	.16	.20	.28	.40	.46	.34	.46	.48	.58	.60	.74	.78	.80	.62	.40	.22	.26	.38	.80
15	.24	.20	.30	.40	.34	.28	.26	.22	.26	.46	.54	.62	.58	.60	.60	.58	.50	.32	.24	.22	.30	.32	.28	.28	.38	.62
16	.30	.40	.44	.36	.34	.30	.28	.30	.34	.42	.50	.52	.56	.62	.54	.50	.40	.24	.24	.22	.20	.24	.26	.24	.36	.62
17	.28	.22	.24	.26	.22	.24	.24	.20	.20	.32	.50	.54	.54	.64	.60	.54	.50	.28	.20	.22	.24	.32	.34	.32	.34	.64
18	.20	.20	.20	.22	.26	.24	.28	.22	.32	.40	.50	.58	.58	.76	.78	.78	.76	.62	.66	.82	.80	.74	.56	.52	.50	.82
19	.60	.54	.52	.46	.72	.80	.84	.86	.86	.84	.90	.88	.86	.86	.86	.86	.82	.84	.80	.72	.78	.62	.46	.32	.74	.90
20	.46	.58	.70	.72	.78	.74	.78	.72	.70	.70	.72	.74	.74	.78	.70	.66	.64	.64	.44	.48	.44	.24	.18	.24	.60	.78
21	.38	.42	.34	.30	.32	.22	.22	.42	.74	.82	.82	.80	.82	.84	.82	.78	.74	.72	.70	.48	.36	.32	.38	.34	.54	.84
22	.30	.30	.36	.38	.40	.34	.44	.28	.40	.48	.56	.62	.60	.64	.72	.62	.78	.70	.40	.26	.40	.36	.28	.28	.46	.78
23	.52	.66	.66	.52	.34	.30	.28	.24	.26	.56	.64	.68	.76	.78	.78	.76	.74	.64	.64	.32	.24	.28	.24	.28	.50	.78
24	.32	.40	.30	.24	.24	.26	.22	.32	.44	.48	.62	.66	.68	.66	.76	.76	.72	.66	.66	.62	.74	.86	.86	.88	.56	.88
25	.84	.76	.68	.78	.74	.66	.68	.68	.74	.74	.58	.46	.44	.40	.66	.76	.68	.46	.40	.32	.24	.22	.22	.30	.56	.84
26	.36	.32	.38	.44	.46	.48	.54	.56	.58	.60	.64	.70	.68	.70	.68	.72	.62	.64	.62	.52	.52	.40	.22	.20	.52	.72
27	.20	.24	.20	.18	.18	.22	.20	.26	.38	.52	.82	.82	.80	.80	.82	.80	.76	.72	.74	.48	.38	.44	.34	.48	.50	.82
28	.40	.52	.40	.36	.32	.34	.30	.36	.58	.64	.62	.70	.62	.68	.72	.70	.70	.58	.46	.28	.26	.22	.24	.18	.46	.72
29	.16	.18	.20	.22	.18	.16	.18	.24	.40	.62	.68	.68	.72	.66	.68	.56	.58	.58	.48	.40	.32	.40	.34	.30	.42	.72
30	.24	.26	.26	.22	.24	.38	.40	.44	.56	.62	.70	.72	.74	.70	.66	.66	.64	.40	.24	.20	.32	.36	.28	.28	.44	.74
31	.28	.28	.30	.30	.30	.30	.26	.30	.48	.52	.60	.64	.70	.66	.72	.36	.24	.44	.64	.38	.46	.48	.36	.28	.42	.72
AV	.30	.34	.36	.36	.38	.36	.34	.34	.40	.48	.52	.56	.56	.58	.60	.58	.54	.48	.44	.36	.34	.32	.28	.28	.42	[ ]
SD	.15	.16	.18	.19	.19	.20	.20	.19	.21	.20	.20	.18	.18	.18	.18	.18	.19	.22	.24	.21	.18	.16	.14	.13	.13	[ ]

OUTPT [VERSION N 26 APR 76]

```
       SIGMA W
       (METERS/SECOND)
                                                     WHITE RIVER SHALE PROJECT,UTAH         ********************
                                                                                            *                  *
                                                     SITE A  6                              * PRELIMINARY DATA *
                                                                                            * AS OF 01/JUL/76  *
                                                     APRIL,1976                             *                  *
                                                                                            ********************
                                                     AEROVIRONMENT INC.                     *                  *
                                                                                            *    SUBJECT TO    *
                                                                                            *     REVISION     *
                                                                                            *                  *
                                                                                            ********************

                                     CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                    P
  A                                                                                                                    E
  T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
  E                                                                                                                    K

  1  .28  .26  .28  .28  .24  .22  .28  .28  .28  .46  .40  .24  .24  .26  .22  .22  .70  .84  .74  .62  .48  .42  .28  .50 .38  .84
  2  .44  .32  .40  .38  .42  .32  .30  .36  .34  .58  .68  .62  .72  .68  .72  .66  .56  .48  .26  .20  .28  .38  .34  .35 .46  .72
  3  .34  .26  .26  .26  .26  .24  .20  .28  .50  .52  .66  .70  .66  .68  .66  .62  .62  .46  .26  .26  .28  .44  .34  .26 .42  .70
  4  .24  .22  .28  .28  .28  .24  .24  .26  .42  .44  .56  .64  .58  .62  .68  .54  .64  .42  .22  .24  .36  .34  .32  .30 .40  .68
  5  .38  .38  .26  .22  .24  .22  .22  .20  .20  .32  .42  .50  .54  .80  .82  .82  .74  .50  .68  .46  .34  .50  .48  .54 .44  .82
  6  .52  .52  .32  .48  .70  .56  .54  .38  .62  .72  .74  .76  .74  .80  .80  .76  .76  .68  .52  .58  .46  .44  .42  .40 .60  .80
  7  .40  .36  .38  .34  .34  .40  .38  .42  .60  .64  .78  .64  .60  .76  .74  .68  .66  .62  .56  .58  .54  .32  .22  .20 .50  .78
  8  .20  .18  .18  .20  .28  .30  .24  .32  .56  .62  .66  .66  .74  .68  .64  .56  .66  .62  .46  .22  .26  .28  .26  .26 .42  .74
  9  .34  .28  .24  .22  .26  .26  .24  .28  .52  .68  .74  .68  .80  .78  .74  .74  .70  .70  .68  .58  .42  .38  .32  .30 .50  .80
 10  .34  .36  .32  .34  .26  .34  .22  .28  .36  .58  .64  .72  .62  .66  .68  .56  .58  .44  .24  .20  .26  .42  .46  .36 .42  .72
 11  .32  .28  .28  .24  .28  .30  .24  .24  .36  .56  .68  .66  .68  .74  .76  .74  .72  .72  .62  .32  .26  .30  .30  .24 .46  .76
 12  .36  .32  .28  .28  .36  .32  .24  .24  .60  .80  .80  .82  .78  .78  .68  .76  .78  .76  .78  .72  .72  .72  .72  .68 .60  .82
 13  .54  .58  .56  .42  .38  .46  .38  .46  .82  .82  .84  .84  .76  .78  .80  .80  .82  .76  .70  .34  .24  .22  .18  .20 .58  .84
 14  .24  .30  .18  .20  .20  .20  .18  .28  .52  .56  .58  .74  .76  .68  .64  .46  .60  .40  .40  .50  .54  .34  .28  .24 .42  .76
 15  .40  .34  .40  .34  .44  .60  .64  .74  .80  .82  .84  .84  .84  .72  .82  .80  .78  .76  .70  .50  .24  .20  .20  .16 .58  .84
 16  .16  .16  .18  .16  .16  .15  .16  .16  .44  .60  .62  .70  .72  .74  .74  .62  .74  .78  .64  .46  .40  .20  .26  .24 .42  .78
 17  .30  .32  .26  .22  .24  .26  .32  .34  .30  .30  .36  .48  .58  .66  .68  .66  .60  .48  .42  .34  .32  .28  .30  .42 .40  .68
 18  .50  .34  .40  .28  .26  .24  .30  .52  .48  .48  .52  .60  .64  .56  .66  .70  .74  .70  .48  .46  .48  .54  .46  .34 .48  .74
 19  .20  .20  .28  .34  .26  .18  .20  .32  .54  .64  .56  .62  .64  .68  .62  .62  .54  .42  .26  .26  .46  .28  .40  .28 .40  .68
 20  .22  .30  .30  .22  .28  .28  .24  .38  .52  .60  .74  .78  .72  .70  .70  .66  .62  .54  .44  .38  .40  .50  .46  .46 .48  .78
 21  .38  .28  .44  .26  .30  .24  .24  .32  .50  .60  .70  .78  .76  .74  .76  .72  .70  .54  .52  .42  .26  .42  .50  .44 .50  .78
 22  .34  .34  .28  .24  .28  .40  .40  .56  .68  .78  .80  .82  .80  .80  .72  .48  .52  .50  .62  .40  .30  .68  .64  .64 .54  .82
 23  .36  .32  .58  .44  .42  .48  .46  .66  .70  .76  .78  .84  .84  .82  .80  .78  .80  .68  .52  .34  .28  .28  .24  .24 .56  .84
 24  .30  .28  .38  .38  .38  .42  .40  .48  .52  .60  .64  .72  .68  .74  .72  .64  .60  .46  .28  .24  .40  .44  .40  .28 .48  .74
 25  .30  .20  .26  .20  .22  .22  .24  .28  .68  .78  .66  .68  .72  .90  .92  .88  .86  .78  .46  .40  .40  .30  .22  .20 .50  .92
 26  .40  .52  .52  .50  .44  .60  .64  .60  .50  .40  .54  .58  .68  .72  .72  .74  .64  .58  .46  .26  .26  .20  .20  .20 .50  .74
 27  .24  .28  .24  .22  .28  .20  .30  .46  .54  .60  .64  .72  .74  .76  .76  .72  .62  .58  .58  .36  .22  .24  .32  .36 .46  .76
 28  .34  .28  .36  .40  .44  .34  .36  .40  .52  .58  .66  .68  .72  .72  .76  .74  .66  .48  .36  .32  .32  .34  .36  .28 .48  .76
 29  .22  .24  .24  .24  .24  .26  .28  .36  .64  .64  .66  .68  .70  .74  .70  .78  .70  .64  .66  .58  .36  .32  .60  .62 .50  .78
 30  .56  .62  .54  .62  .60  .52  .56  .66  .70  .74  .78  .82  .78  .82  .78  .76  .74  .66  .58  .38  .24  .24  .30  .32 .60  .82
 31 [  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ][  ]

 AV  .34  .32  .32  .30  .32  .32  .32  .38  .52  .60  .66  .68  .70  .72  .72  .68  .68  .60  .50  .40  .36  .36  .36  .34 .48 [  ]
 SD  .10  .11  .11  .11  .12  .12  .13  .14  .15  .14  .12  .12  .11  .11  .11  .13  .08  .13  .16  .14  .11  .13  .13  .14 .06 [  ]

 OUTPT  [VERSION N   26 APR 76]
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    SOLAR RADIATION
    LY./MIN.)
                                                                 WHITE RIVER SHALE PROJECT,UTAH     *********************
                                                                                                    *                   *
                                                                 SITE A  6                          *  PRELIMINARY DATA *
                                                                                                    *  AS OF 01/JUL/76  *
                                                                 FEBRUARY,1976                      *                   *
                                                                                                    *********************
                                                                 AEROVIRONMENT INC.                 *                   *
                                                                                                    *    SUBJECT TO     *
                                                                                                    *     REVISION      *
                                                                                                    *                   *
                                                                                                    *********************

                                           CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                                         P
 A                                                                                                                         E
 T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE    A
 E                                                                                                                         K


  1 -.10  -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .20   .35   .40   .35   .30   .20   .05  -.05  -.10  -.10  -.10  -.10  -.10  -.05  -.05   .05   .40
  2 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .15   .20   .15   .15   .15   .15   .05  -.05  -.10  -.10  -.10  -.05  -.05  -.05  -.05   .00   .20
  3 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .10   .15   .25   .15   .15   .15   .05   .00  -.05  -.10  -.05  -.10  -.10  -.10   .00   .00   .25
  4 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .00   .05   .15   .15   .20   .10   .40   .10  -.05  -.05  -.05  -.10  -.10  -.10  -.05   .00   .40
  5 -.05  -.10  -.10  -.10  -.10  -.05  -.05  -.05   .00   .10   .15   .30   .35   .45   .30   .10   .00  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .05   .45
  6 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .05   .10   .20   .15   .10   .05  -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .20
  7 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .05   .10   .20   .20   .20   .10   .00  -.05  -.10  -.10  -.10  -.05  -.05  -.05  -.05   .00   .20
  8 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .05   .10   .20   .20   .15   .10   .05   .00   .00  -.05   .00   .00  -.05  -.05  -.05   .00   .20
  9 -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .00   .05   .15   .45   .40   .35   .40   .20   .05  -.05  -.05  -.10  -.10  -.10  -.10  -.10   .05   .45
 10 -.10  -.05  -.05  -.05  -.10  -.10  -.05  -.05   .05   .20   .45   .40   .65   .55   .40   .25   .05  -.10  -.15  -.10  -.10  -.10  -.10  -.10   .05   .65
 11 -.10  -.10  -.10  -.15  -.10  -.10  -.10  -.10  -.05   .20   .45   .50   .55   .55   .40   .25   .05  -.10  -.15  -.10  -.10  -.10  -.10  -.10   .05   .55
 12 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .20   .45   .50   .55   .50   .35   .25   .05  -.10  -.10  -.10  -.05  -.10  -.10  -.05   .10   .55
 13 -.10  -.10  -.10  -.05  -.05  -.05  -.05  -.05  -.05   .20   .50   .50   .55   .45   .35   .20   .05  -.10  -.10  -.10  -.10  -.10  -.10  -.05   .05   .55
 14 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .05   .25   .40   .30   .35   .35   .25   .05   .00  -.05  -.10  -.10  -.10  -.10  -.10  -.10   .05   .40
 15 -.10  -.10  -.10  -.05  -.05  -.05  -.05  -.05   .05   .30   .35   .20   .40   .40   .25   .15   .10  -.05  -.05  -.05  -.10  -.10  -.10  -.10   .05   .40
 16 -.10  -.10  -.05  -.10  -.10  -.10  -.10  -.10  -.15   .15   .45   .50   .50   .40   .30   .05   .00  -.05  -.05  -.05  -.05  -.05  -.05  -.10   .05   .50
 17 -.05  -.05  -.10  -.10  -.10  -.15  -.10  -.10  -.15   .15   .40   .50   .50   .45   .35   .20   .05  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .05   .50
 18 -.10  -.15  -.15  -.15  -.10  -.15  -.15  -.10  -.15   .25   .40   .50   .50   .40   .35   .20   .05  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .05   .50
 19 -.10  -.10  -.10  -.10  -.10  -.10  -.05  -.10  -.10   .15   .40   .45   .45   .45   .20   .05  -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .05   .45
 20 -.05  -.05  -.05  -.05  -.05  -.05  -.05  -.05   .00   .00   .05   .15   .15   .15   .10   .05  -.05  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .00   .15
 21 -.10  -.10  -.10  -.10  -.10  -.10  -.10  -.10  -.15   .15   .30   .35   .35   .30   .20   .15   .00  -.15  -.10  -.10  -.10  -.10  -.10  -.10   .00   .35
 22 -.10  -.10  -.10  -.10  -.10  -.10  -.10  -.10  -.15   .25   .40   .45   .40   .40   .30   .20   .05  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .05   .45
 23 -.10  -.10  -.15  -.15  -.10  -.10  -.10  -.05   .00   .25   .30   .40   .40   .40   .25   .20   .05  -.10  -.25  -.10  -.10  -.15  -.15  -.05   .00   .40
 24 -.05  -.05  -.05  -.05  -.05  -.10  -.05  -.05   .00   .20   .25   .30   .25   .30   .35   .25   .10  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .05   .35
 25 -.10  -.10  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .30   .45   .50   .50   .50   .40   .25   .05  -.05  -.10  -.10  -.10  -.10  -.10  -.10   .05   .50
 26 -.10  -.10  -.10  -.05  -.10  -.10  -.10  -.05   .00   .25   .50   .55   .55   .50   .30   .25   .05  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .05   .55
 27 -.10  -.10  -.10  -.10  -.10  -.10  -.10  -.05   .00   .40   .45   .55   .60   .50   .45   .25   .05  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .10   .60
 28 -.10  -.10  -.10   .10   .10   .10   .10  -.05   .05   .25   .25   .25   .40   .40   .40   .30   .10  -.05  -.10  -.10  -.05  -.10  -.10  -.10   .10   .40
 29 -.10  -.10  -.10  -.10  -.10  -.05  -.05  -.05   .00   .10   .25   .45   .50   .40   .15   .10   .05  -.05  -.10  -.05  -.05  -.05  -.05  -.05   .05   .50
 30 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV -.10  -.10  -.10  -.05  -.05  -.05  -.05  -.05  -.05   .15   .30   .35   .40   .35   .25   .15   .05  -.10  -.10  -.10  -.10  -.10  -.10  -.10   .05 [   ]
 SD  .02   .03   .03   .05   .04   .04   .04   .03   .06   .10   .14   .13   .15   .13   .11   .10   .05   .03   .04   .03   .03   .03   .03   .03   .03 [   ]


 OUTPT  (VERSION N   26 APR 76)
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SOLAR RADIATION
LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 6
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.05	-.05	-.05	-.05	-.05	-.10	-.10	-.05	-.05	.20	.55	.50	.30	.50	.30	.20	.00	-.05	-.05	-.05	-.05	-.05	.00	-.05	.05	.55
2	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.15	-.10	-.10	.00	.25	.10	.05	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.25
3	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15	.10	.05	.00	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15
4	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.15	-.20	-.15	.20	.10	.10	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.20
5	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.15	.30	.30	.15	.20	.15	.10	.05	-.05	-.15	-.10	-.10	-.10	-.10	-.05	-.05	.00	.30
6	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	-.15	.40	.40	.25	.20	.15	.05	.00	-.10	-.15	-.10	-.10	-.10	-.10	-.05	-.05	.00	.40
7	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	-.05	.20	.35	.25	.20	.20	.15	.05	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.35
8	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	-.10	.35	.45	.35	.30	.30	.10	.00	-.05	-.15	-.10	-.10	-.10	-.05	-.05	-.05	.05	.45
9	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	-.10	.35	.45	.40	.35	.35	.30	.20	.05	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.05	.45
10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	-.05	.40	.50	.55	.55	.55	.50	.35	.15	-.05	-.10	-.10	-.10	-.10	-.05	-.10	.10	.55
11	-.10	-.05	-.10	-.10	-.10	-.10	-.05	.00	.10	.25	.30	.30	.15	.05	.15	.10	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	.00	.30
12	-.05	-.10	-.10	-.05	-.05	-.05	-.05	.00	-.05	.25	.45	.55	.60	.60	.45	.40	.15	-.05	-.15	-.15	-.15	-.15	-.10	-.10	.10	.60
13	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	-.10	.40	.65	.70	.70	.60	.60	.40	.15	.00	-.10	-.10	-.10	-.05	-.05	-.05	.10	.70
14	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.40	.65	.45	.25	.40	.25	.30	.10	.00	-.10	-.10	-.10	-.10	-.10	-.10	.10	.65
15	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	-.10	.45	.70	.80	.50	.75	.55	.40	.20	-.05	-.15	-.10	-.10	-.10	-.10	-.10	.15	.80
16	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.45	.70	.65	.50	.55	.55	.35	.10	-.05	-.05	-.05	-.05	-.10	-.05	-.10	.10	.70
17	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.00	.10	.45	.65	.70	.60	.60	.40	.30	.15	-.05	-.10	-.10	-.10	-.10	-.10	-.10	.10	.70
18	-.15	-.10	-.10	-.10	-.10	-.10	-.10	.00	-.05	.45	.70	.75	.60	.65	.35	.25	.05	.00	-.10	-.10	-.10	-.10	-.10	-.10	.10	.75
19	-.10	-.10	-.10	-.10	-.10	-.05	-.10	-.05	.05	.45	.60	.70	.55	.25	.35	.35	.15	-.10	-.15	-.15	-.15	-.15	-.10	-.15	.05	.70
20	-.15	-.10	-.05	-.10	-.10	-.15	-.10	.05	-.10	.40	.65	.70	.65	.60	.45	.30	.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.10	.70
21	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.05	-.05	.45	.70	.70	.70	.60	.50	.25	.10	-.10	-.15	-.15	-.10	-.10	-.10	-.10	.10	.70
22	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.05	-.05	.50	.65	.70	.65	.60	.45	.30	.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.10	.70
23	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.45	.35	.40	.35	.25	.10	.10	.10	-.05	-.15	-.10	-.10	-.05	-.05	-.10	.05	.45
24	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.05	-.05	.50	.65	.70	.45	.40	.50	.35	.10	-.05	-.10	-.10	-.10	-.10	-.10	-.15	.10	.70
25	-.15	-.10	-.10	-.10	-.10	-.10	-.05	.00	.10	.05	.10	.10	.05	.20	.20	.40	.05	-.05	-.05	-.10	-.10	-.10	-.10	-.10	.00	.40
26	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.10	.00	.55	.70	.70	.65	.60	.45	.30	.15	-.05	-.10	-.10	-.10	-.10	-.10	-.10	.10	.70
27	-.10	-.05	-.10	-.10	-.10	-.10	-.05	.05	.15	.30	.50	.45	.40	.65	.30	.15	.00	-.05	-.05	-.05	-.05	-.10	-.10	-.10	.10	.65
28	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.10	.00	.40	.60	.65	.75	.60	.40	.35	.20	-.05	-.15	-.15	-.10	-.10	-.10	-.10	.10	.75
29	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	-.05	.50	.65	.75	.55	.40	.20	.10	.05	-.05	-.10	-.10	-.10	-.10	-.10	-.10	.10	.75
30	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.05	-.05	.55	.65	.70	.65	.60	.45	.30	.10	-.05	-.15	-.10	-.10	-.10	-.10	-.10	.10	.70
31	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.10	.10	.60	.70	.70	.55	.60	.45	.30	.15	-.05	-.15	-.15	-.15	-.10	-.10	-.10	.10	.70
AV	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	-.05	.35	.50	.50	.45	.40	.30	.25	.05	-.05	-.10	-.10	-.10	-.10	-.10	-.10	.05	[ ]
SD	.03	.02	.02	.02	.02	.03	.02	.05	.08	.19	.25	.26	.20	.21	.17	.14	.08	.04	.04	.03	.03	.03	.03	.03	.05	[ ]

OUTPT [VERSION N 26 APR 76]

SOLAR RADIATION
LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.10	.15	.50	.55	.55	.65	.50	.50	.35	.15	-.05	-.15	-.15	-.15	-.15	-.10	-.10	.10	.65
2	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.10	.15	.55	.65	.70	.65	.60	.50	.30	.10	-.05	-.15	-.15	-.10	-.10	-.10	-.10	.10	.70
3	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.15	.55	.65	.70	.65	.60	.45	.30	.15	-.05	-.15	-.15	-.10	-.15	-.15	-.10	.10	.70
4	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.15	.45	.55	.65	.40	.45	.40	.10	.10	.00	-.10	-.10	-.10	-.10	-.10	-.10	.10	.65
5	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.05	.05	.20	.20	.25	.15	.15	.20	.05	.05	-.05	-.05	-.05	-.05	-.05	-.10	-.10	.00	.25
6	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.05	.15	.45	.35	.40	.30	.30	.30	.20	.10	-.05	-.05	-.10	-.05	-.05	-.05	-.05	.05	.45
7	-.05	-.05	-.05	-.10	-.10	-.05	-.05	.00	.10	.55	.65	.35	.30	.50	.45	.15	.15	-.05	-.15	-.15	-.10	-.10	-.15	-.10	.10	.65
8	-.10	-.10	-.15	-.15	-.15	-.10	-.05	.15	.25	.55	.60	.60	.60	.40	.35	.10	.15	-.05	-.15	-.15	-.15	-.10	-.10	-.10	.10	.60
9	-.10	-.10	-.15	-.15	-.15	-.15	-.05	.15	.15	.55	.65	.70	.65	.55	.50	.35	.15	-.05	-.15	-.15	-.15	-.10	-.10	-.10	.10	.70
10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.25	.55	.70	.70	.65	.60	.45	.30	.15	-.05	-.10	-.10	-.15	-.10	-.10	-.10	.15	.70
11	-.10	-.10	-.10	-.10	-.10	-.10	.00	.10	.25	.55	.65	.70	.65	.60	.50	.35	.15	-.05	-.15	-.15	-.15	-.10	-.10	-.10	.15	.70
12	-.10	-.10	-.10	-.10	-.10	-.10	.00	.20	.15	.40	.45	.55	.50	.30	.15	.10	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	.05	.55
13	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.30	.55	.45	.25	.30	.40	.20	.05	.00	-.10	-.10	-.05	-.10	-.10	-.05	.05	.55
14	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.20	.20	.15	.35	.25	.25	.15	.45	.10	.00	-.05	-.10	-.10	-.10	-.10	-.10	.05	.45
15	-.05	-.05	-.05	-.05	-.05	-.05	.05	.20	.40	.60	.85	.70	.60	.40	.45	.30	.15	.00	-.05	-.10	-.05	-.05	-.05	-.10	.15	.85
16	-.10	-.05	-.05	-.05	-.05	-.05	.00	.05	.20	.25	.35	.50	.60	.65	.50	.15	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.65
17	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.25	.40	.65	.70	.65	.40	.30	.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.70
18	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15	.30	.50	.55	.75	.30	.20	.35	.30	.10	.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.75
19	-.05	-.05	-.05	-.05	-.05	-.05	.00	.30	.40	.80	.20	.75	.75	.65	.50	.35	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	.15	.80
20	-.05	-.05	-.10	-.10	-.10	-.10	.00	.15	.40	.60	.75	.75	.70	.60	.55	.40	.20	.00	-.10	-.10	-.10	-.10	-.10	-.10	.15	.75
21	-.05	-.10	-.10	-.10	-.10	-.10	.00	.10	.40	.50	.70	.65	.55	.45	.40	.30	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	.15	.70
22	-.10	-.10	-.10	-.10	-.10	-.15	.00	.05	.25	.40	.30	.45	.70	.10	.05	.10	.10	.00	-.10	-.10	-.10	-.10	-.05	-.10	.05	.70
23	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.10	.30	.45	.75	.80	.75	.70	.55	.40	.25	.00	-.15	-.15	-.15	-.15	-.15	-.10	.15	.80
24	-.10	-.10	-.10	-.10	-.10	-.10	.00	.20	.35	.50	.65	.75	.70	.60	.55	.35	.15	.00	-.15	-.15	-.15	-.15	-.10	-.10	.15	.75
25	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.20	.20	.45	.35	.70	.45	.65	.40	.00	.00	-.05	-.05	-.05	-.05	-.05	-.10	-.05	.10	.70
26	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.05	.20	.45	.50	.75	.65	.45	.15	.00	-.10	-.10	-.10	-.05	-.10	-.10	.10	.75
27	-.05	-.05	-.10	-.10	-.10	-.05	.05	.15	.40	.50	.80	.80	.75	.70	.60	.40	.20	.00	-.10	-.15	-.15	-.10	-.10	-.10	.15	.80
28	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.45	.50	.75	.75	.75	.65	.60	.40	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	.15	.75
29	-.10	-.10	-.10	-.10	-.10	-.05	.00	.15	.40	.50	.75	.60	.50	.55	.50	.40	.25	.05	-.05	-.10	-.10	-.10	-.10	-.10	.15	.75
30	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.20	.35	.30	.70	.30	.25	.75	.30	.35	.20	-.05	-.15	-.15	-.15	-.15	-.15	-.15	.10	.75
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-.10	-.10	-.10	-.10	-.10	-.10	.00	.10	.25	.45	.55	.60	.55	.50	.45	.30	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	.10	[ ]
SD	.02	.02	.03	.03	.03	.03	.03	.07	.12	.15	.20	.16	.18	.18	.15	.13	.07	.03	.04	.04	.04	.03	.03	.02	.04	[ ]

OUTPT [VERSION N 26 APR 76]

BAROMETRIC PRESSURE
~~(MM OF MERCURY)~~

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	641	641	641	641	641	641	641	641	641	640	640	639	638	637	636	636	636	635	636	636	636	636	636	636	638	641
2	636	636	636	636	636	636	636	636	636	636	636	635	634	636	632	632	632	632	632	632	632	632	632	632	634	636
3	632	631	631	631	630	630	628	628	630	630	629	628	627	626	625	625	624	624	624	624	624	624	624	621	627	632
4	623	623	623	623	623	623	623	623	623	623	623	623	622	622	621	621	621	621	621	622	622	623	623	623	622	623
5	624	624	624	624	624	625	626	626	627	628	628	629	629	629	629	630	630	631	632	633	634	634	635	635	629	635
6	636	636	636	636	637	637	638	638	639	639	640	640	640	639	639	639	639	639	640	640	640	640	640	641	639	641
7	641	641	641	641	641	641	641	641	642	642	642	642	641	640	640	639	639	639	639	640	640	640	640	640	641	642
8	640	639	639	639	639	639	639	639	639	639	639	638	637	636	635	634	634	634	634	634	634	633	633	632	637	640
9	632	632	631	631	630	630	630	629	629	628	628	627	626	625	625	625	624	624	625	625	625	626	627	627	628	632
10	628	628	629	629	629	630	630	631	631	632	632	633	633	632	633	633	633	634	635	635	636	637	638	638	632	638
11	638	639	639	639	639	639	640	640	640	641	640	640	638	637	636	636	636	636	636	636	636	636	636	636	638	641
12	636	636	636	636	635	635	635	635	635	635	635	635	634	633	632	632	632	632	632	633	633	634	634	635	634	636
13	635	635	636	636	636	637	637	637	638	638	637	637	636	635	635	634	634	633	634	634	634	634	634	633	635	638
14	633	633	632	632	631	631	631	631	631	631	631	630	630	629	629	630	630	630	631	631	631	632	632	632	631	633
15	632	632	632	632	631	631	631	631	631	631	630	630	629	628	628	627	627	628	629	630	630	630	631	631	630	632
16	632	632	633	633	633	633	634	634	634	633	633	632	631	630	629	628	628	628	628	627	627	627	626	626	630	634
17	625	626	627	627	628	629	630	630	631	632	621	632	631	632	632	631	631	631	631	631	630	630	630	630	630	632
18	630	630	630	630	629	629	629	629	629	630	630	630	630	630	630	630	630	631	631	631	631	631	631	631	630	631
19	631	630	630	629	629	628	628	627	627	626	625	625	625	623	622	621	621	623	623	623	623	623	624	624	625	631
20	624	624	625	625	625	626	626	627	628	629	630	631	632	632	632	633	633	634	635	635	636	637	637	638	631	638
21	638	638	639	639	640	640	640	641	641	642	642	642	641	641	640	640	640	640	641	641	642	643	643	643	641	643
22	644	644	644	644	644	644	644	644	645	645	644	644	643	642	641	641	640	640	641	641	641	642	642	642	643	645
23	642	642	642	641	641	641	641	641	641	640	640	639	638	637	636	635	634	634	634	634	634	634	634	634	638	642
24	634	634	634	633	633	633	633	633	633	633	632	632	632	632	631	631	631	632	632	633	634	634	635	635	633	635
25	636	636	636	636	636	636	636	637	637	637	637	636	636	635	634	634	633	633	634	634	635	635	635	635	635	637
26	636	636	636	636	636	636	636	637	637	637	637	636	636	635	634	634	634	634	634	634	634	635	635	635	635	637
27	635	635	635	635	635	635	635	636	636	636	635	634	634	633	632	631	631	630	631	631	631	632	632	632	633	636
28	632	631	631	631	631	631	631	631	631	631	630	630	629	628	627	626	626	625	625	626	626	626	626	626	629	632
29	626	625	625	625	625	625	625	625	625	625	624	624	624	622	621	621	621	621	621	621	621	621	621	621	623	626
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	634	633	634	633	633	633	634	634	634	634	633	634	633	632	632	631	631	631	632	632	632	632	633	633	633	[ ]
SD	6	6	6	5	6	5	6	6	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	6	5	[ ]

OUTPT [VERSION N 26 APR 76]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	619	619	619	619	619	619	619	619	619	619	618	618	617	616	615	616	616	617	617	618	620	620	620	621	618	621
2	621	622	622	621	622	622	623	623	623	622	622	622	622	622	621	621	622	623	624	625	625	626	627	627	623	627
3	627	627	627	627	627	627	627	627	627	626	626	625	623	622	621	621	621	621	621	621	621	621	620	620	624	627
4	619	619	619	619	619	619	620	621	622	622	623	623	624	624	624	625	625	626	627	627	628	629	629	630	623	630
5	630	631	631	631	632	633	633	634	635	635	635	635	635	634	634	634	634	634	635	635	636	637	638	638	634	638
6	638	639	639	639	639	639	639	640	640	640	639	639	638	637	636	635	635	635	635	635	635	636	636	636	637	640
7	636	636	636	635	635	635	635	635	635	634	634	632	631	630	630	629	629	629	629	630	630	630	631	631	632	636
8	631	631	631	631	632	632	632	633	633	633	633	632	632	631	630	630	629	629	630	630	630	631	631	631	631	633
9	631	631	632	631	632	632	632	632	632	632	631	631	630	629	628	628	628	627	628	628	629	629	630	630	630	632
10	630	630	631	631	631	631	631	631	631	631	631	630	629	627	626	625	625	624	624	624	624	624	624	623	628	631
11	623	623	622	622	622	621	621	621	620	620	620	619	619	619	619	620	621	623	625	626	626	627	628	629	622	629
12	630	630	631	632	632	633	634	635	636	636	636	636	636	636	635	635	635	635	636	636	637	637	637	637	635	637
13	637	637	637	637	637	637	636	636	637	636	636	635	634	633	632	632	632	632	632	632	632	632	632	632	634	637
14	632	631	631	630	630	630	630	629	629	628	628	627	626	626	626	626	626	627	627	628	629	630	630	630	629	632
15	630	631	631	631	631	632	632	633	633	634	634	634	633	633	633	633	633	633	634	634	635	635	636	636	633	636
16	636	636	636	636	636	636	636	637	637	637	636	635	634	634	633	632	632	632	632	632	632	633	633	633	634	637
17	633	633	633	633	632	632	632	632	632	632	632	631	630	629	628	628	628	627	627	628	628	628	628	628	630	633
18	628	628	628	628	628	628	628	628	628	628	627	626	624	623	623	622	621	621	620	620	619	619	619	619	624	628
19	619	619	618	618	618	619	620	621	623	624	624	624	625	625	625	626	626	626	626	627	628	628	629	629	624	629
20	629	629	630	630	631	632	632	633	634	634	634	634	633	633	632	632	631	631	631	631	632	633	633	633	632	634
21	634	634	633	633	633	633	634	634	634	634	634	634	633	633	633	633	632	633	633	634	634	635	635	636	634	636
22	636	636	636	636	636	636	636	637	637	636	636	635	634	632	631	630	630	629	630	630	630	630	630	629	633	637
23	629	629	628	628	628	628	628	627	627	627	626	625	624	624	624	624	625	625	625	626	627	627	627	627	626	629
24	628	628	629	629	629	630	630	630	630	630	629	629	628	627	626	625	625	624	624	623	623	623	622	621	627	630
25	621	621	620	620	620	620	620	621	622	623	625	625	625	626	626	626	627	628	628	629	630	631	631	631	625	631
26	632	632	633	633	633	634	634	634	635	635	634	634	633	632	631	630	629	629	629	629	629	629	629	628	632	635
27	628	628	627	626	626	626	626	626	625	624	623	622	621	620	619	619	619	620	621	622	623	623	623	623	623	628
28	624	624	624	624	624	624	624	624	624	624	623	623	622	621	620	620	620	620	621	622	622	623	623	623	623	624
29	624	624	624	625	625	626	627	627	628	628	628	628	627	627	628	628	628	629	630	631	631	632	632	633	628	633
30	633	634	634	634	634	634	635	635	635	635	635	634	633	633	632	631	631	631	631	631	632	632	632	633	633	635
31	633	633	633	633	634	634	634	634	634	633	633	631	630	630	629	628	627	627	627	628	628	628	628	629	631	634
AV	629	629	629	629	629	629	630	630	630	630	630	629	629	628	627	627	627	627	628	628	629	629	629	629	629	[ ]
SD	5	5	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]

OUTPT [VERSION N 26 APR 76]

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        BAROMETRIC PRESSURE
        (MM OF MERCURY)
                                                                    WHITE RIVER SHALE PROJECT,UTAH            ***********************
                                                                                                              *                     *
                                                                    SITE A  6                                 *  PRELIMINARY DATA   *
                                                                                                              *  AS OF 01/JUL/76    *
                                                                    APRIL,1976                                *                     *
                                                                                                              ***********************
                                                                    AEROVIRONMENT INC.                        *                     *
                                                                                                              *     SUBJECT TO      *
                                                                                                              *      REVISION       *
                                                                                                              *                     *
                                                                                                              ***********************

                                                    CLOCK HOUR  (LOCAL STANDARD TIME)
   D                                                                                                                         P
   A                                                                                                                         E
   T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
   E                                                                                                                         K

   1  631  631  631  631  631  631  631  631  631  630  629  629  628  627  626  625  625  625  625  626  626  627  628  629  629  631
   2  630  630  631  631  632  632  633  634  634  634  634  633  632  632  631  631  631  630  631  631  632  632  633  633  632  634
   3  633  634  634  634  634  635  635  635  635  635  634  634  633  632  631  630  630  630  630  630  630  631  631  631  633  635
   4  631  632  632  632  632  633  633  633  633  633  632  631  631  630  629  629  629  629  628  629  629  630  630  630  631  633
   5  630  630  630  630  629  630  630  630  629  629  629  628  627  626  625  626  627  627  627  628  628  628  628  628  628  630
   6  629  629  629  629  629  629  629  629  629  629  629  628  628  628  628  628  628  628  629  629  629  629  629  630  629  630
   7  630  630  630  630  631  631  632  632  632  633  633  633  632  632  632  632  632  632  632  632  633  633  633  634  632  634
   8  634  634  634  634  634  634  634  634  634  633  632  632  631  629  628  626  626  626  626  626  626  626  626  626  630  634
   9  626  626  626  626  627  628  629  629  628  629  629  629  629  628  628  628  629  629  630  630  631  632  632  633  629  633
  10  633  633  634  634  634  635  635  636  636  635  635  634  633  633  632  632  631  631  631  631  632  632  633  633  633  636
  11  633  634  634  634  634  635  635  635  635  635  634  633  632  631  630  630  630  629  629  630  630  630  631  631  632  635
  12  631  631  631  631  631  632  632  632  632  631  630  630  629  629  628  627  627  627  626  627  627  627  627  627  629  632
  13  627  627  627  627  627  627  628  628  628  628  628  627  627  627  626  626  626  626  627  627  628  628  628  629  627  629
  14  629  629  629  629  629  629  629  629  629  628  628  628  627  627  627  627  627  627  628  628  628  628  628  629  628  629
  15  628  627  627  626  626  626  625  625  625  624  623  622  621  620  619  618  618  618  619  619  620  620  620  620  622  628
  16  620  619  619  619  619  619  619  619  619  619  619  619  619  619  618  618  620  621  622  623  624  624  625  625  620  625
  17  625  626  625  625  625  626  626  627  627  628  628  628  628  628  628  627  627  627  627  628  629  629  629  630  627  630
  18  630  630  630  631  631  631  631  631  631  631  631  630  630  630  630  630  630  630  631  631  632  632  632  632  631  632
  19  633  633  633  633  633  633  634  634  634  634  634  634  633  633  632  632  632  632  632  632  633  634  634  634  633  634
  20  635  635  635  635  635  635  636  636  635  635  634  633  632  631  631  630  629  629  629  629  629  629  629  629  632  636
  21  629  629  629  629  629  629  629  629  629  629  628  627  627  626  626  626  626  626  626  627  627  627  627  627  628  629
  22  627  627  627  627  627  626  626  626  626  626  626  626  625  625  626  625  625  625  625  625  625  626  627  627  626  627
  23  628  628  628  629  629  630  630  631  631  631  631  631  631  631  631  630  631  631  632  632  633  634  634  635  631  635
  24  635  635  636  636  636  636  637  637  637  636  636  635  634  634  633  633  633  632  632  632  632  633  632  632  634  637
  25  632  631  631  631  630  630  630  629  628  627  627  626  625  623  622  622  624  625  625  626  625  625  625  625  627  632
  26  625  625  625  625  625  626  626  627  627  627  628  628  628  627  627  627  627  627  628  628  629  629  629  630  627  630
  27  630  630  630  630  631  631  632  632  632  632  632  632  631  631  630  630  630  630  630  630  631  631  631  631  631  632
  28  632  632  633  633  633  633  634  634  634  634  633  633  632  632  631  631  631  631  631  632  632  632  633  633  632  634
  29  633  633  633  633  634  634  634  635  634  634  634  633  633  633  632  632  632  633  633  634  635  635  635  636  634  636
  30  636  637  637  637  637  638  638  639  639  639  639  639  639  639  638  638  638  638  638  638  638  638  639  639  638  639
  31 [   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ]

  AV  630  630  630  630  630  631  631  631  631  631  631  630  630  629  629  628  628  628  629  629  629  630  630  630  630 [   ]
  SD    3    4    4    4    4    4    4    4    4    4    4    4    4    4    4    4    4    4    4    3    4    4    4    4    4 [   ]

  OUTPT  (VERSION N   26 APR 76)
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RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	92	94	93	93	94	93	92	95	91	94	82	75	62	55	53	61	60	59	61	73	79	86	90	91	80	95
2	91	93	95	91	93	90	91	91	92	90	83	76	60	63	60	58	60	70	73	78	84	88	89	91	81	95
3	92	91	94	94	91	89	89	90	92	87	76	69	60	58	56	56	52	51	58	64	71	75	80	83	76	94
4	87	90	90	95	94	87	87	50	40	44	52	66	65	59	60	59	56	59	63	66	70	70	65	63	68	95
5	66	65	64	63	65	73	77	79	79	78	77	76	72	72	68	66	70	69	69	71	73	76	77	77	72	79
6	78	79	78	77	76	84	91	92	92	87	82	77	77	70	73	72	66	67	75	80	79	82	82	81	79	92
7	85	84	87	87	87	87	87	87	87	86	85	83	80	80	78	77	78	76	81	88	91	93	94	93	85	94
8	94	93	92	92	92	93	91	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	92	94
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	83	90	83	82	75	68	73	73	71	73	89	92	79	92
10	92	85	70	73	73	69	70	72	69	71	65	60	57	50	48	42	37	36	35	49	60	68	75	80	63	92
11	76	75	85	88	91	91	89	92	93	85	75	58	57	53	51	47	46	48	54	69	77	84	88	92	74	93
12	93	93	93	94	90	91	92	91	93	90	81	76	71	67	59	50	47	55	65	75	75	82	85	91	79	94
13	90	87	92	93	93	94	91	95	95	89	79	68	59	56	57	56	55	56	60	70	79	85	89	91	78	95
14	90	90	87	88	90	87	91	94	93	87	77	66	62	57	54	55	88	66	77	78	83	82	81	82	79	94
15	81	87	90	90	92	90	92	92	94	85	79	71	68	64	53	54	58	55	60	79	82	84	65	56	76	94
16	60	77	71	74	71	71	74	68	68	62	52	45	43	38	36	40	46	48	54	54	50	49	51	51	56	77
17	54	65	92	91	55	52	51	54	62	58	52	48	44	41	32	31	28	26	28	34	41	45	46	45	49	92
18	43	44	49	53	58	50	53	54	51	49	49	54	47	47	41	41	43	40	36	43	45	48	52	58	48	58
19	58	64	70	76	80	83	84	83	84	75	65	63	58	50	40	34	40	40	55	89	85	70	53	80	66	89
20	93	92	93	91	91	90	88	90	71	74	58	55	52	53	47	46	45	45	46	51	53	60	69	75	68	93
21	75	76	77	78	81	81	81	81	80	74	69	60	52	45	45	41	35	47	55	77	78	78	77	80	68	81
22	81	82	81	84	88	87	86	85	85	80	77	75	62	58	59	54	54	47	75	54	68	76	82	84	74	88
23	85	86	87	88	88	89	89	90	87	85	78	64	64	57	53	47	45	46	47	55	65	77	79	82	72	90
24	85	84	83	85	85	85	80	81	78	77	72	60	55	51	42	41	38	32	33	44	60	62	63	70	64	85
25	69	71	74	77	81	80	84	85	85	70	58	57	49	45	40	35	30	25	28	34	44	41	48	60	57	85
26	68	68	75	84	82	82	86	88	88	80	65	52	51	46	40	36	34	34	40	47	67	73	77	83	64	88
27	82	84	85	87	89	92	94	90	89	75	60	55	49	48	42	37	34	25	34	57	59	66	68	75	66	94
28	78	83	84	85	89	89	91	88	88	85	73	67	59	55	39	30	22	23	25	31	40	38	41	42	60	91
29	42	48	55	58	66	69	67	65	66	63	45	35	31	27	27	26	27	25	27	27	27	28	31	31	42	69
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	78	80	82	83	83	83	84	82	81	77	69	63	59	56	51	49	49	48	53	61	66	69	71	74	70	[ ]
SD	15	13	12	11	11	11	11	13	14	12	12	11	11	13	13	14	16	15	17	17	16	17	17	17	11	[ ]

OUTPT (VERSION N 26 APR 76)

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	32	38	44	48	55	55	50	54	54	54	55	53	48	46	46	46	44	49	50	44	82	93	90	86	55	93
2	87	85	84	80	79	75	85	83	77	75	66	66	75	67	64	77	80	84	85	88	88	86	81	82	79	88
3	78	79	79	79	80	77	82	77	76	84	80	70	60	58	51	52	60	80	79	83	88	84	85	85	75	88
4	86	87	87	87	89	88	88	89	88	84	86	72	60	67	65	64	67	69	69	70	81	85	82	83	79	89
5	83	78	72	69	68	70	74	74	73	71	67	67	63	53	54	58	59	66	71	89	88	83	83	83	71	89
6	83	83	83	84	83	84	84	84	85	80	72	79	72	69	70	66	68	72	77	82	88	85	85	86	79	88
7	85	85	85	86	85	85	85	86	88	82	79	77	68	69	67	68	63	62	65	77	81	84	84	85	78	88
8	86	86	87	85	86	86	85	88	87	75	66	60	56	52	47	49	50	52	57	69	80	85	88	88	73	88
9	88	90	90	88	88	86	87	90	86	73	65	54	55	52	52	54	58	63	63	86	88	90	93	94	76	94
10	92	90	89	90	89	90	89	91	84	79	73	71	69	65	62	55	53	50	52	59	73	83	85	80	76	92
11	81	86	84	84	84	88	69	72	69	89	79	60	54	56	91	90	71	87	65	70	81	88	86	89	78	91
12	89	79	67	65	62	59	59	60	62	62	59	58	55	52	52	53	54	53	57	65	71	84	84	84	64	89
13	80	82	80	82	80	81	84	85	83	74	70	65	53	57	57	54	53	51	52	60	67	75	80	80	70	85
14	81	77	76	80	81	79	81	81	82	78	70	58	52	43	41	48	46	44	63	46	47	54	54	58	63	62
15	61	64	73	71	71	68	73	71	70	64	59	54	41	38	33	39	25	24	23	32	45	64	66	63	54	73
16	62	64	65	68	72	77	76	78	79	65	55	44	42	38	36	32	31	34	41	46	57	69	69	69	57	79
17	70	78	78	80	80	80	80	81	81	73	60	44	30	27	25	26	25	26	33	41	53	65	62	65	57	81
18	65	70	75	80	80	87	86	86	82	65	52	44	37	34	21	23	23	24	26	25	26	25	25	26	49	87
19	26	27	29	31	32	54	55	61	62	53	45	28	30	27	28	32	28	30	35	37	43	42	49	52	39	62
20	57	53	53	54	55	56	59	59	55	50	44	36	34	30	30	27	20	21	25	29	35	39	45	50	42	59
21	55	53	54	57	62	65	67	59	49	42	39	33	28	24	21	20	18	18	18	25	32	35	53	57	41	67
22	63	69	70	72	74	75	75	76	69	53	45	37	29	28	28	24	20	18	17	25	30	32	43	43	46	76
23	47	34	30	28	32	36	42	44	44	35	21	18	25	16	16	17	22	21	21	24	30	36	45	46	30	47
24	52	57	62	69	75	75	77	79	70	56	44	46	32	32	27	23	23	23	24	26	29	26	26	25	45	79
25	25	27	28	28	29	30	30	49	61	53	55	88	87	80	86	80	77	75	74	77	74	80	82	83	61	88
26	83	79	75	75	74	74	73	70	65	50	43	37	33	28	24	18	18	18	24	29	34	34	38	44	48	83
27	53	56	59	62	67	73	72	75	68	52	30	[RF]	20	18	18	17	17	22	45	88	77	65	71	75	52	88
28	50	49	45	43	42	53	54	53	49	45	43	38	30	28	25	20	20	18	22	32	36	42	52	61	40	61
29	67	74	78	79	81	84	87	85	65	50	38	31	27	20	20	19	18	19	26	30	34	40	48	51	49	87
30	55	60	65	72	75	73	74	72	64	48	40	33	27	27	25	22	21	20	20	25	31	42	50	54	46	75
31	55	60	64	68	72	76	78	79	64	51	40	31	28	28	26	23	19	17	17	18	21	24	29	35	43	79
AV	67	68	68	69	70	72	73	74	71	63	56	52	46	43	42	42	40	42	45	52	58	62	65	67	59	[ ]
SD	19	18	18	17	17	15	14	13	12	14	16	17	17	18	20	21	21	23	22	24	24	23	21	20	15	[ ]

OUTPT [VERSION N 26 APR 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	48	53	57	62	66	71	74	72	62	54	30	17	15	13	11	8	7	6	7	8	10	12	14	18	33	74
2	29	41	48	55	60	62	67	69	65	55	41	36	28	23	20	16	15	15	15	17	21	31	40	47	38	69
3	51	55	59	63	67	71	73	69	55	47	39	29	27	22	18	15	14	13	13	16	23	31	40	45	40	73
4	48	52	57	61	65	66	68	69	60	45	37	32	32	32	30	28	40	43	41	44	53	61	64	69	50	69
5	71	74	77	81	84	86	86	85	82	78	70	59	45	44	36	53	83	87	92	70	71	65	57	60	71	92
6	63	61	64	69	65	61	60	60	59	55	46	41	38	37	38	38	38	47	56	55	57	57	57	58	53	69
7	59	59	60	60	62	63	63	62	61	56	49	42	39	38	40	42	43	43	45	51	54	56	58	61	53	63
8	65	68	70	80	85	87	86	78	66	50	45	40	31	29	26	28	29	24	23	28	33	42	49	54	51	87
9	57	48	43	45	41	51	45	53	48	36	26	22	21	20	20	16	14	17	22	27	30	38	45	51	35	57
10	55	59	60	70	74	74	76	65	56	40	33	30	21	20	18	16	14	14	14	17	28	34	40	43	40	76
11	45	49	55	60	63	66	66	58	51	40	34	29	22	15	10	9	9	9	9	9	12	17	25	28	33	66
12	32	36	38	39	39	38	39	40	29	28	27	28	32	32	42	44	50	51	57	60	65	65	65	64	43	65
13	64	64	64	62	64	58	56	55	55	58	57	57	55	50	48	48	47	48	61	72	73	78	81	82	61	82
14	83	82	85	89	86	85	82	70	60	58	56	54	48	58	79	85	78	77	88	92	87	88	90	89	77	92
15	73	79	84	82	79	76	71	63	53	45	41	37	33	32	32	32	30	29	70	78	84	83	83	84	61	84
16	87	88	88	87	85	85	84	79	58	49	39	43	38	36	27	28	63	85	89	93	91	92	86	90	70	93
17	89	91	92	90	89	88	89	90	90	91	89	86	72	66	62	56	53	54	55	62	68	69	71	81	77	92
18	86	87	88	89	88	85	84	80	72	60	49	44	45	65	66	64	62	64	68	76	88	89	86	84	74	89
19	85	86	86	87	88	89	88	85	69	62	58	64	53	46	36	[RF]	26	24	24	36	43	52	48	37	60	89
20	58	61	65	71	75	73	72	69	[RF]	[RF]	30	28	25	24	23	22	21	20	22	27	36	44	48	47	44	75
21	45	48	46	50	53	59	63	57	42	36	30	22	17	16	17	16	14	15	15	16	22	31	38	43	34	63
22	48	51	55	60	63	61	52	[RF]	[RF]	[RF]	22	21	21	22	42	41	37	33	29	30	38	39	47	50	41	63
23	55	59	56	53	56	57	55	52	48	46	39	31	25	22	19	15	13	13	15	17	23	25	33	43	36	59
24	51	55	58	61	63	64	65	62	49	43	33	26	21	19	16	15	13	12	13	14	24	28	30	34	36	65
25	37	41	46	48	53	56	61	60	48	29	23	26	28	25	21	20	66	85	89	84	85	87	89	90	54	90
26	79	66	64	87	88	82	73	69	88	88	84	83	75	68	60	50	39	36	68	70	74	78	68	69	71	88
27	77	76	76	81	86	87	78	70	62	56	45	27	23	22	20	18	17	20	25	27	45	50	62	64	51	87
28	65	70	68	70	76	82	75	66	50	40	35	31	22	19	17	16	13	13	15	18	24	30	49	53	42	82
29	49	53	62	65	68	70	70	65	53	47	42	35	25	25	21	18	17	22	25	32	40	44	51	61	44	70
30	67	67	66	68	71	71	70	65	59	54	45	41	37	35	31	28	26	26	27	29	33	39	51	57	48	71
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	61	63	65	68	70	71	70	67	59	52	43	39	34	33	32	31	33	35	40	43	48	52	55	59	51	[ ]
SD	16	15	14	14	14	13	12	11	13	15	16	17	15	15	17	18	21	24	27	26	25	23	20	19	14	[ ]

OUTPT [VERSION N 26 APR 76]

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     WIND SPEED @ 10M
     (MILES/HOUR)
                                                       WHITE RIVER SHALE PROJECT,UTAH         *********************
                                                                                              *                   *
                                                       SITE A  7                              *  PRELIMINARY DATA *
                                                                                              *  AS OF 02/JUL/76  *
                                                       FEBRUARY,1976                          *                   *
                                                                                              *********************
                                                       AEROVIRONMENT INC.                     *                   *
                                                                                              *    SUBJECT TO     *
                                                                                              *     REVISION      *
                                                                                              *                   *
                                                                                              *********************

                                                   CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                                         P
  A                                                                                                                                                         E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE     A
  E                                                                                                                                                         K

  1   2.0   3.0   3.5   2.5   4.0   1.5   2.5   3.0   2.5   1.5   1.0   2.0   3.0   5.5   6.0   6.0   5.5   4.0   3.5    .5   1.5   3.0   2.5   3.0 3.0   6.0
  2   1.5   1.5   4.0   3.5   1.5   3.0   2.5   2.5   1.0   2.5   1.5   1.5   3.0   3.5   3.0   2.5   5.0   4.0   3.0   2.5   2.5   3.5   2.0   3.5 2.5   5.0
  3   4.0   4.0   3.5   3.0   3.5   3.5   1.5   3.0   3.0   1.0   1.5   3.5   2.0   2.5   1.5   2.5   2.0   2.0   1.0   2.0   1.5   2.5   2.5   2.5 2.5   4.0
  4    .5   1.0   2.5   3.5   4.5   2.5  13.0  22.5  25.0  23.5  24.5  19.5  17.5  18.0  15.5  23.0  19.0   8.5  10.0  12.0  21.0  22.0  18.0  19.514.5  25.0
  5  21.0  20.0  18.5   9.5  14.0  18.5  20.0  21.5  25.0  27.0  25.0  24.0  23.0  21.5  21.5  19.0  17.0  20.5  22.0  20.0  20.0  18.0  19.0  14.020.0  27.0
  6  15.0  17.0  16.0  16.5  15.0  13.0   9.5   8.5   8.5   8.0   2.5   3.5   3.0   6.5   5.5   4.5   6.5   5.0   2.5   2.5   3.5   3.0   1.5   4.0 7.5  17.0
  7   3.0   4.0   3.0   4.5   2.0   2.5   2.5   1.0   1.5   2.5   4.0   5.5   6.5   4.0   6.5   5.0   5.5   4.0   3.0   2.5   2.0   2.5   3.5   2.5 3.5   6.5
  8   3.0   3.0   1.5   1.0   1.5   2.5   2.5   2.0   1.0   2.0   4.0   4.0   5.0   3.5   3.0   3.0   4.5   4.0   3.0   4.0   3.5   2.5   3.0   3.0 3.0   5.0
  9   3.0   1.0   2.5   2.0   1.0   1.0   1.0   3.5   3.5   1.5   3.5   3.5   4.5   5.0   4.5   3.5   5.5   9.0  22.0  17.0  23.0  17.0   8.5   2.0 6.0  23.0
 10   5.5   6.5   9.5  10.0  10.5   6.5   9.5   8.5   5.5   2.0   6.0   6.0   3.5   9.5   7.0   5.5   5.5   1.5   7.0   2.5   2.0   1.5   3.0   4.0 6.0  10.5
 11   3.0   3.5   5.0   3.0   2.0   3.0   3.5   2.0   1.0   2.5   4.0   3.0   4.5   3.5   5.0   4.5   5.5   5.5   3.0   3.5   1.5   2.0   1.5   2.5 3.5   5.5
 12   3.5   1.5   2.5   3.5   2.0   1.0   1.5   2.5   2.0   1.5   3.5   5.0   6.0   5.0   4.5   3.5   4.5   5.0   4.0   4.0   6.5   3.5   2.0   2.0 3.5   6.5
 13   1.5   1.0   2.5   3.0   3.5   3.0   3.0   1.5   1.0   1.5   1.0   2.5   5.5   5.5   5.5   5.5   6.0   6.5   2.5   1.5   1.0   1.0   1.0   1.5 3.0   6.5
 14   1.5   1.5   2.5   3.0   3.0   2.5   3.5   4.0   3.5   3.5   3.5   4.0   3.5   4.0   5.0   7.5   9.0  14.5  15.5   7.5   3.5   5.0   4.5   2.5 5.0  15.5
 15   2.0   3.0   3.0   3.5   2.0   1.5   2.0   2.5   1.5   2.0   1.5   4.0   3.5   4.0   3.0   3.5   6.5   4.0   2.5   9.5   5.0   3.5   6.0   6.0 3.5   9.5
 16   4.0   3.5   5.5   5.5   2.5   8.5  11.5   9.5   9.5   8.0   9.0  15.0   8.5   8.0  10.0   9.0   9.5   3.5   6.0   5.5  11.5  13.5  18.5  18.0 9.0  18.5
 17   8.0  16.0  11.0  21.0  20.5  15.0  10.0   4.5   6.5   5.5   8.0  12.5  12.5  13.5  15.5  13.5   9.5   8.0   2.0   5.5   6.5   6.0   6.0   5.010.0  21.0
 18   4.5   3.0   1.0   5.0   7.5  11.0  11.5  11.5   8.5   7.0  16.5  20.0  22.5  20.0  18.0  20.5  18.0  17.0  13.0   8.5   4.0   5.5   6.5   2.011.0  22.5
 19   2.0   2.5   2.5   3.5   4.0   4.0   3.5   2.5   2.5   1.5   5.0   6.0   5.0   3.0   4.5   6.5  10.5  10.5  15.0   8.0  10.5  10.5  11.5   6.0 6.0  15.0
 20   5.0   6.5   5.5   5.0   2.5   5.0   5.5  12.0  16.0  21.5  23.0  22.0  21.5  22.0  19.0  18.5  17.5  15.0  16.0  14.0  11.0   8.5   6.0   1.512.5  23.0
 21   3.0   2.5   2.5   4.0   3.5   3.5   3.0   4.0   2.0   1.0   2.0   1.5   2.0   3.5   2.5   4.0   5.0   7.0   7.5   2.5   3.0   2.0   3.5   3.5 3.5   7.5
 22   3.0   2.0   2.0   4.0   2.5   1.0    .5    .5   1.0    .5   1.0   1.5   4.0   6.0   4.0   5.5   5.0   4.5   3.0   2.5   3.0   1.0   2.5    .5 2.5   6.0
 23    .5    .5    .5   1.5   3.0   1.5   2.5   2.5   3.0   1.5   2.5   4.0   3.5   4.5   3.5   3.5   4.0   4.5   3.5   3.5   1.5   2.5   1.5   2.0 2.5   4.5
 24   1.0   2.0   2.5   5.0   3.0   8.5   4.0   2.5   5.5   3.0   4.5   6.5   2.5   4.0   5.0   2.0   2.5   7.0   4.0   4.5   2.0   3.5   4.0   3.5 4.0   8.5
 25   4.0   1.5   2.0   4.0   3.0   4.0   3.5   2.0   2.5   2.0   4.0   4.0   3.0   4.0   2.5   3.0   4.5   3.5   5.5   4.0   2.0    .5   2.5   1.5 3.0   5.5
 26   3.0   2.5   2.0   2.0   2.0   3.5   2.5   4.0   1.5   1.0   2.5   3.5   5.0   5.0   5.0   4.0   6.5   4.5   2.0   4.5   1.0   1.5   4.0   2.0 3.0   6.5
 27   3.5   3.5   4.0   2.5   1.0   2.0   2.0   3.0   1.0   2.0   2.0   3.5   5.5   5.0   4.5   4.0   3.5   3.0   4.0   1.0   4.0   3.5   3.0   3.0 3.0   5.5
 28   4.5   2.5   3.0   3.0   3.5   4.0   3.0   1.5   2.0   1.0   3.0   2.5   2.0   4.5   8.0  16.0  15.0  10.5   8.5  14.5   8.5   9.0   6.5   3.5 6.0  16.0
 29   3.0   4.0   4.0   4.0   3.5   4.0   3.5   3.0   3.0   5.0  14.0  18.5  23.5  24.5  22.5  20.5  19.0  16.5  21.0  17.5  16.5  16.0  11.0   7.012.0  24.5
 30 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV   4.0   4.5   4.5   5.0   4.5   5.0   5.0   5.0   5.0   5.0   6.5   7.5   7.5   8.0   7.5   8.0   8.0   7.5   7.5   6.5   6.5   6.0   5.5   4.5 6.0 [   ]
 SD   4.2   4.8   4.1   4.3   4.6   4.4   4.5   5.4   6.3   6.8   7.0   6.8   6.9   6.5   6.0   6.4   5.2   4.9   6.4   5.4   6.3   5.8   5.1   4.6 4.3 [   ]

 OUTPT  [VERSION N   26 APR 76]
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WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	11.0	23.0	20.0	21.5	18.0	9.5	4.5	20.5	24.5	28.0	24.5	26.5	35.0	35.5	33.0	25.0	25.0	24.5	19.5	6.0	4.0	4.5	4.0	19.0	35.5
2	1.5	8.0	13.5	14.0	14.0	9.0	5.5	10.5	11.5	12.0	10.0	8.5	7.5	4.0	7.0	9.5	5.5	2.5	8.0	4.5	4.5	5.0	4.5	2.0	7.5	14.0
3	2.0	1.5	1.5	3.5	1.5	1.0	.5	1.0	2.0	1.0	2.5	1.5	2.0	2.0	2.5	3.5	7.0	4.5	3.0	2.5	3.0	1.5	4.5	2.0	2.5	7.0
4	.5	3.5	4.0	9.0	7.0	8.0	6.0	1.0	1.0	2.0	8.5	11.5	8.0	6.0	5.0	5.5	6.0	6.5	6.0	3.0	1.5	1.0	1.0	1.0	4.5	11.5
5	3.0	2.0	6.0	5.5	2.0	4.0	1.0	1.5	1.0	1.0	.5	1.5	2.5	2.0	3.0	1.0	5.0	3.0	1.5	4.5	3.5	4.5	4.0	1.5	2.5	6.0
6	2.0	1.0	.5	3.0	2.0	4.0	3.0	1.5	2.0	1.5	1.5	2.0	3.5	3.0	3.5	3.5	3.5	3.0	1.5	3.0	3.0	2.0	2.5	5.0	2.5	5.0
7	3.5	1.0	1.5	2.5	2.5	2.5	1.5	2.5	1.5	1.0	1.0	1.0	3.5	3.5	2.5	3.0	2.0	3.0	3.5	1.0	1.5	.5	.5	1.5	2.0	3.5
8	1.5	1.5	3.5	2.5	3.5	3.0	2.0	1.5	1.5	1.0	.5	1.0	2.0	1.0	2.5	5.0	4.0	4.5	3.0	2.0	.5	.5	.5	1.5	2.0	5.0
9	1.5	1.5	1.0	3.0	1.5	.5	1.0	1.0	1.5	1.0	.5	2.5	3.5	6.5	6.0	7.5	4.0	3.5	2.5	2.0	3.0	2.0	2.5	2.5	2.5	7.5
10	3.5	4.0	4.0	2.5	3.5	3.0	2.5	2.5	.5	.5	1.5	3.5	6.0	6.0	6.0	6.0	4.5	5.0	2.5	2.0	3.0	1.5	2.5	3.5	3.5	6.0
11	3.0	1.0	2.0	1.5	14.0	14.5	12.0	7.5	2.0	3.5	10.0	11.0	15.0	9.5	7.0	13.0	21.0	21.0	18.0	13.5	8.5	6.0	3.5	4.5	9.5	21.0
12	14.0	17.0	20.0	19.5	17.0	16.0	15.0	12.5	13.0	12.5	10.0	6.5	7.5	4.0	5.0	3.5	3.5	3.5	5.0	2.0	1.5	2.0	1.5	2.0	9.0	20.0
13	2.5	3.0	3.5	1.5	2.5	2.5	3.0	4.0	3.0	1.5	2.0	3.5	5.0	6.0	8.5	7.0	7.5	7.0	4.0	3.0	2.5	3.5	3.0	3.5	4.0	8.5
14	7.0	5.5	3.0	3.0	2.0	1.0	2.0	1.0	2.5	3.0	2.5	4.5	4.0	5.5	7.5	10.0	14.5	17.5	19.0	17.0	8.5	6.0	2.5	3.5	6.5	19.0
15	2.0	2.5	2.0	4.5	2.0	4.5	5.5	3.0	1.5	6.0	5.5	5.0	4.5	5.0	6.0	4.0	4.5	2.0	4.0	7.0	3.5	2.0	4.5	4.5	4.0	7.0
16	3.0	3.0	3.0	1.5	1.5	1.0	3.0	1.5	1.5	2.0	3.0	3.0	4.0	6.0	5.0	3.0	3.5	5.5	10.0	8.0	1.5	2.5	1.5	1.5	3.5	10.0
17	2.5	2.0	1.5	1.0	1.5	1.5	3.5	2.0	2.0	2.5	2.5	3.5	4.5	4.5	4.0	4.5	5.0	6.5	4.0	3.0	1.5	1.5	1.0	3.0	3.0	6.5
18	2.5	2.0	3.0	3.5	5.0	3.5	4.0	3.0	2.0	2.0	2.5	4.0	5.5	21.0	23.0	24.5	22.0	18.5	20.5	26.0	23.5	18.0	13.5	10.5	11.0	26.0
19	14.0	16.0	20.5	17.0	14.5	22.0	23.0	22.5	23.0	21.5	24.5	25.0	24.0	24.5	23.0	23.0	22.0	21.5	19.5	19.0	18.5	15.0	9.0	7.0	19.5	25.0
20	8.5	13.5	18.0	15.5	12.0	15.0	12.5	13.0	15.5	15.0	13.5	12.0	10.5	9.0	10.0	9.0	6.0	12.5	18.0	10.5	8.5	4.0	3.5	3.5	11.0	18.0
21	6.0	6.0	5.0	5.0	6.0	6.0	7.0	6.0	10.5	19.5	22.0	20.0	21.0	22.5	22.0	22.0	18.0	19.0	19.5	15.0	5.0	3.5	2.5	2.5	12.0	22.5
22	3.0	3.0	2.5	2.5	1.5	1.5	2.0	2.0	3.0	3.5	3.5	4.0	3.0	5.5	4.5	5.5	9.0	21.0	19.0	14.5	14.5	12.0	3.5	1.5	6.0	21.0
23	4.0	2.5	2.0	3.0	3.0	3.5	3.5	3.0	2.5	7.0	13.0	12.0	17.5	21.0	19.5	18.0	20.0	17.0	17.5	3.0	4.5	4.0	3.5	3.5	8.5	21.0
24	3.5	3.5	3.5	5.0	5.0	5.0	3.5	1.0	1.5	2.0	5.5	7.0	9.0	11.0	17.0	19.0	17.5	17.0	17.5	19.5	19.5	25.0	24.5	27.0	11.0	27.0
25	24.0	21.5	19.0	23.0	18.5	17.0	17.5	11.0	12.0	16.0	12.0	5.0	6.5	6.0	13.5	14.5	12.0	8.0	9.0	6.5	3.0	4.0	4.5	3.5	12.0	24.0
26	7.5	4.5	5.0	4.5	4.5	3.5	3.0	2.0	3.0	6.5	5.5	8.5	9.0	7.5	8.0	7.0	5.5	14.5	16.5	12.0	6.0	5.5	5.5	3.5	6.5	16.5
27	2.0	2.0	2.0	4.0	2.0	4.0	3.0	5.0	3.5	7.0	23.5	21.0	23.0	22.5	22.5	20.5	19.0	16.0	18.0	7.5	6.0	9.0	6.0	8.0	10.5	23.5
28	9.0	7.0	5.0	5.0	3.0	3.5	5.0	4.0	4.0	3.5	6.0	7.0	9.0	10.0	9.5	10.0	9.5	10.0	15.0	12.5	8.0	8.0	6.0	4.0	7.0	15.0
29	2.0	2.5	2.5	2.5	2.0	1.5	2.0	.5	2.5	4.0	6.5	10.0	13.0	12.0	10.5	13.0	12.0	14.5	12.5	9.0	10.0	9.5	12.5	4.0	7.0	14.5
30	4.5	2.5	4.0	2.5	3.0	1.5	4.0	2.0	2.0	4.5	5.5	7.5	7.5	7.0	6.0	5.0	4.0	3.0	6.0	8.5	6.0	3.0	2.0	1.0	4.5	8.5
31	1.0	3.0	1.5	2.5	1.5	1.5	2.0	1.5	2.0	3.0	4.5	4.5	6.0	6.5	5.5	5.5	10.0	16.5	20.0	15.0	13.0	6.0	3.5	2.5	6.0	20.0
AV	5.0	5.0	6.0	6.0	6.0	6.0	5.5	4.5	5.0	6.0	7.5	8.0	9.0	9.5	10.0	10.5	10.0	10.5	11.0	9.0	6.5	5.5	4.5	4.0	7.0	[ ]
SD	4.8	5.2	6.6	6.2	5.8	5.9	5.2	4.8	5.9	6.6	7.5	6.6	6.8	8.0	7.9	7.8	6.9	7.1	7.2	6.6	5.7	5.4	4.7	4.6	4.5	[ ]

OUTPT [VERSION N 26 APR 76]

Data Documents/Inc

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WIND SPEED @ 10M
(MILES/HOUR)
                                                       WHITE RIVER SHALE PROJECT,UTAH          **********************
                                                                                               *                    *
                                                       SITE A  7                               *  PRELIMINARY DATA  *
                                                                                               *  AS OF 01/JUL/76   *
                                                       APRIL,1976                              *                    *
                                                                                               **********************
                                                       AEROVIRONMENT INC.                      *                    *
                                                                                               *     SUBJECT TO     *
                                                                                               *      REVISION      *
                                                                                               *                    *
                                                                                               **********************

                                       CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                                   P
 A                                                                                                                                   E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23 AVE    A
 E                                                                                                                                   K

 1  5.0  4.0  2.0  2.5  1.5  1.0  1.5  2.5  3.5  9.0 22.5 24.5 25.5 24.5 25.0 25.5 26.0 25.5 19.0 16.5 10.0  5.0  4.0  9.012.5 26.0
 2  4.0  4.0  2.5  1.5  2.5  2.0  2.5  2.0  2.0  3.5  4.0  4.5  5.0  7.0 10.0  8.5  6.0  8.5  5.5  3.5  2.5  2.0  1.5  2.0 4.0 10.0
 3  2.0  2.0  1.5   .5   .5   .5   .5   .5  1.0  2.5  5.0  5.5  6.0  8.5  7.0  9.5  9.5  8.5  9.0 11.5  6.5   .5  3.5  3.5 4.5 11.5
 4  2.5  2.5  2.0  2.0  2.5  2.0  1.0   .5  1.5  5.0  3.5  4.0  6.5  8.0  6.5  6.0 15.0  8.5  3.5  3.5  3.0  5.0  6.5  4.0 4.5 15.0
 5   .5   .5  2.5  3.5  2.5  1.0  2.5  4.0  5.0  2.5  3.5  5.0  9.5 19.5 14.5 22.0 16.0  9.5 20.0  8.5  4.0  8.5 11.5 16.5 8.0 22.0
 6 17.0 13.0 12.5 13.0  9.5  5.0  9.5  6.5 11.5 17.0 16.0 17.5 19.0 19.0 20.5 19.5 19.0 17.0 14.0 14.0  8.5  9.0  8.5  7.513.5 20.5
 7  7.0  7.0 11.0  6.5  8.0  7.0  8.0  7.5  7.5  5.0  5.0  5.0  6.5 11.5 14.0 12.0 13.0 10.0 11.5 13.0 11.0 11.5  6.5  2.5 8.5 14.0
 8  4.0  2.0  1.0  3.0  1.0  1.5  1.5  3.5  2.5  3.5  4.5  4.0  6.5  6.0  9.5 11.0 15.0 15.0 12.5  6.5  8.0  5.0  3.5  3.5 5.5 15.0
 9 16.0 16.0 11.5 14.0  5.0  3.5  4.0  3.5  4.0 15.0 19.5 20.0 17.0 14.5 14.5 17.0 16.0 16.0 16.5 12.0  4.0  6.0  3.5  1.011.5 20.0
10  2.0  3.0  3.5  2.0  1.5   .5   .5  2.0  2.5  2.5  4.0  5.5  6.0  8.5  5.0  6.5  9.0  8.0  3.5  5.0  3.5  2.5  2.0  3.5 4.0  9.0
11  2.5  3.5  3.5  3.0  2.0  2.5   .5   .5   .5  3.0  4.0  4.5  5.5 16.5 19.0 21.5 20.0 21.0 13.0  9.5  4.0  1.0  3.5  4.0 7.0 21.5
12  2.0  3.5  4.0  4.0  4.5  4.0  3.5  4.0 15.5 19.0 19.0 23.0 22.0 22.5 17.0 15.5 16.5 16.5 13.0 11.0 12.5  9.5 11.5 20.012.0 23.0
13 16.5 22.0 20.0 16.0 14.5 15.5  8.5  8.5 22.5 13.0 17.5 20.0 16.0 21.5 22.0 22.5 23.5 19.0 17.5 11.5  6.0  4.0  2.5  2.515.0 23.5
14  5.0  5.0  2.0  2.5  2.5  1.5  1.5  5.0  6.5  6.5  6.5 16.5 13.0 17.0 13.0  7.0  7.5  7.5  8.5 13.0 12.5  4.0  4.0  8.5 7.5 17.0
15  6.0  7.0 13.0  6.5  3.5 14.5  7.0 13.0 20.5 22.5 22.0 23.0 23.5 22.0 22.0 22.0 22.0 20.5 18.0 11.5  6.5  5.0  3.5  3.514.0 23.5
16  7.0  2.0  1.0  2.5  2.5  6.5  6.5  5.0  6.0  8.5  8.5 12.0 16.0  8.0 11.0  8.5 16.5 19.5 13.0 10.0 11.5  2.5  7.0  6.0 8.0 19.5
17 11.5  6.5  3.5  3.5  3.5  2.5  2.5  3.5  2.0  5.0  1.5  4.5 15.5  9.0  8.5  6.5  9.5  7.5  9.0  8.5  8.5  5.0  6.5  9.0 6.5 15.5
18  8.5  4.0  5.0  2.0  1.0  2.5  1.5  1.5  1.5  3.5  5.0  5.5  7.0 14.5 13.0 14.5 19.0 12.5  9.5  7.0 12.5  9.5  4.0  3.5 7.0 19.0
19  3.5  2.0  3.0  5.5  4.0  1.5  1.0  1.5  4.0  4.0  7.0  9.0  6.5  7.0  6.5  8.0  6.0  6.5  2.5 11.5 13.0  3.0  8.5  3.5 5.5 13.0
20  2.0  3.5  2.0  1.0  2.0  3.5  3.0  1.0  2.5  4.0  8.0  8.0  8.5  8.5  6.5  5.0  5.0  6.0  9.0  8.5  8.0  9.0  8.5  6.5 5.5  9.0
21  4.0  9.0  8.5  4.5  4.0  4.0  3.0  1.5  6.0  6.0  8.5 10.0 16.0 17.0 16.0 16.0 14.0 16.5 13.0 12.5  9.5  6.5  3.0  3.5 9.0 17.0
22  2.5  2.5  4.0  2.0  2.5  5.5  6.5  3.5  9.5 22.0 22.5 23.0 22.0 22.0 19.0  6.5  5.0  8.5 16.0 11.5 16.0 20.0  8.5  8.511.0 23.0
23  5.0  5.0  9.5  9.0  9.0  9.0  9.5 10.0 16.5 17.0 17.5 21.0 21.0 19.0 19.0 19.0 16.0 11.5 16.0 15.5 16.5  9.5  4.0  4.013.0 21.0
24  2.5  2.0  3.5  3.0  2.0  1.0  3.0  3.0  3.0  3.5  4.0  6.5  5.0  6.5  7.5  6.0  4.5  3.5  4.0  3.5  4.0  3.5  3.5  4.0 4.0  7.5
25  3.0  5.0  3.5  4.0  2.0  1.5  1.5  1.5  9.5 19.5 15.0  8.5 14.0 30.0 39.5 25.0 22.5 18.5  9.5 10.0  9.5  6.5  2.0  2.011.0 39.5
26  6.5 11.5  9.5 12.0  8.5 15.0 15.0 17.0  9.0  5.5 11.5  9.5 11.0 11.5 10.0 11.0 11.5 13.0  8.5  8.0  5.0  3.5  2.5  3.5 9.5 17.0
27  3.5  6.5  7.0  5.0  5.0  3.0  3.5  3.5  2.5  3.5  5.0  6.5  6.0  6.0  6.5  6.0  5.5  8.5 14.5  5.0  3.5  1.5  2.0  2.0 5.0 14.5
28  4.0  3.5  4.0  2.0  2.0  2.0  1.5  2.0  2.0  2.5  4.0  6.5  8.5  9.5  9.5  9.5  7.0  8.5 11.5  7.5  4.0  2.0  1.0  2.0 5.0 11.5
29  1.5  5.0  2.5  1.5  2.5  2.5  4.0  5.0  8.5  9.5  6.0  6.5  8.0  8.0  9.0 11.5 19.0 18.5 20.0 15.5  8.0 11.5 16.0 14.5 9.0 20.0
30 15.0 14.5 11.5 13.0 13.0 11.5 10.0 11.5 10.0 13.0 14.0 13.0 13.0 11.0  8.5  9.5 12.5 14.5 13.0  8.5  6.0  2.0  2.5  2.510.5 15.0
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

AV  5.5  6.0  5.5  5.0  4.0  4.5  4.0  4.5  6.5  8.5 10.0 11.0 12.0 14.0 13.5 13.0 13.5 13.0 12.0 10.0  8.0  6.0  5.0  5.5 8.5 [  ]
SD  4.7  4.8  4.6  4.3  3.5  4.3  3.5  3.9  5.7  6.4  6.7  6.9  6.3  6.5  7.3  6.4  6.1  5.4  4.9  3.5  3.9  4.1  3.5  4.5 3.3 [  ]

OUTPT  [VERSION N   26 APR 76]
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WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	30	75	20	45	95	75	70	65	345	180	300	195	0	0	270	240	225	290	5	20	195	80	350	65	[VA]	
2	50	35	75	90	135	90	105	90	75	325	10	345	270	30	255	285	255	210	240	215	95	60	75	50	4	
3	75	70	75	70	330	40	[VA]	75	90	70	300	180	285	265	285	245	280	255	20	[VA]	330	330	105	320	4	
4	245	325	270	325	245	190	185	180	180	185	180	190	195	195	205	180	180	185	170	185	180	180	190	180	[VA]	
5	180	180	175	350	20	30	25	50	50	50	50	50	45	50	50	55	45	45	45	50	45	55	45	50	3	
6	50	55	50	50	45	50	35	25	40	55	215	350	315	270	255	270	240	315	335	10	290	255	245	325	3	
7	330	270	330	350	315	305	300	245	300	300	290	290	300	285	255	235	280	295	310	240	240	210	205	225	14	
8	295	70	60	335	300	20	240	160	170	220	260	235	285	270	270	285	330	300	240	320	240	335	240	225	12	
9	250	215	210	210	245	340	230	225	245	300	255	300	295	270	270	240	275	285	195	180	180	190	240	0	12	
10	230	205	195	175	170	190	220	200	215	280	305	345	330	345	335	285	270	255	120	215	195	290	190	215	11	
11	240	345	75	320	5	245	45	185	240	205	220	295	310	325	310	315	330	335	315	215	175	85	160	70	[VA]	
12	65	85	350	15	[VA]	290	80	30	340	345	255	285	325	355	240	285	315	305	315	230	5	335	345	10	16	
13	0	255	320	320	45	85	240	340	245	240	270	290	285	270	310	325	275	255	355	190	35	350	85	210	12	
14	195	270	5	300	215	330	30	355	150	270	140	235	260	300	305	275	195	185	175	200	240	180	200	250	10	
15	165	35	340	60	45	255	75	5	295	195	270	250	255	260	240	270	300	235	240	295	205	200	215	205	12	
16	130	140	215	225	235	195	180	185	195	205	240	260	285	285	240	260	290	210	215	200	210	195	180	185	10	
17	210	245	235	265	270	290	305	300	215	260	240	285	285	280	280	285	265	270	245	195	180	175	180	235	13	
18	200	210	300	300	205	195	190	195	205	270	260	255	260	280	290	285	270	265	265	255	235	240	225	270	13	
19	320	30	55	30	35	45	330	195	280	290	315	270	310	335	315	345	305	290	255	200	235	240	250	225	15	
20	265	0	330	270	235	230	290	10	10	15	15	10	15	15	20	30	20	25	25	30	35	45	130	320	2	
21	280	305	230	300	310	315	325	310	310	325	230	325	310	165	260	315	40	45	35	50	50	30	325	305	15	
22	335	30	310	20	85	70	285	295	195	215	340	320	300	290	340	325	320	320	350	45	70	320	345	215	15	
23	0	350	280	245	340	20	85	5	350	265	250	270	285	280	260	300	260	275	225	195	260	215	210	175	13	
24	5	285	290	40	305	10	15	270	245	255	255	240	310	190	190	325	315	10	45	90	270	250	345	345	15	
25	345	15	30	60	45	50	80	75	50	240	300	240	300	320	290	305	265	245	190	195	220	155	105	350	14	
26	45	225	40	45	45	75	330	80	240	270	275	285	290	240	235	305	335	270	150	80	315	240	170	285	14	
27	15	45	80	80	15	75	355	20	345	235	295	295	310	290	300	270	230	235	50	195	225	180	155	335	14	
28	75	325	220	300	45	75	70	130	165	265	240	230	305	235	240	215	215	200	185	195	200	190	165	190	10	
29	0	30	45	50	45	45	60	300	45	270	225	185	190	185	180	200	195	185	185	185	190	190	195	235	9	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	1	3	4	3	3	3	4	1	12	13	12	14	14	14	13	14	13	13	12	10	10	9	9	11	14	

Data Documentation Inc

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	220	200	185	190	180	185	190	230	180	180	185	195	190	195	200	205	200	200	210	295	265	245	210	285	10
2	0	15	55	20	60	50	50	45	280	50	45	30	10	30	310	315	235	245	285	210	205	190	190	180	2
3	270	255	165	35	255	195	255	180	215	170	255	280	300	330	310	315	315	285	310	30	210	40	330	330	15
4	265	200	180	170	155	165	175	170	315	290	315	20	0	350	290	55	80	80	85	325	250	285	10	230	9
5	180	165	185	195	255	340	65	135	170	335	255	225	310	325	240	295	325	315	65	80	75	75	70	45	[VA]
6	40	305	75	55	60	15	75	65	15	0	285	305	310	310	315	310	305	240	280	280	75	170	55	75	4
7	95	70	125	45	75	60	60	80	0	345	295	325	310	310	315	315	315	335	15	30	195	105	275	30	15
8	345	45	10	70	70	70	80	65	240	300	290	285	300	315	310	290	290	250	325	280	165	10	105	65	14
9	90	85	85	55	70	60	65	70	90	285	250	290	285	310	310	325	270	255	290	230	170	320	30	50	14
10	85	350	90	90	60	60	295	85	285	300	250	290	240	255	320	320	5	240	230	80	125	300	265	255	14
11	330	105	55	10	215	170	200	250	240	265	205	200	215	225	230	245	275	285	270	240	210	190	180	70	11
12	50	15	70	20	55	60	50	65	60	25	15	0	60	315	30	285	330	345	350	345	80	100	170	205	[VA]
13	150	15	70	330	50	295	65	35	320	270	260	350	35	15	340	325	330	325	255	170	55	80	295	345	[VA]
14	20	350	215	315	195	240	190	270	45	320	285	330	340	320	285	225	240	235	260	270	240	220	225	210	11
15	190	140	260	230	330	225	205	105	275	270	245	225	325	240	215	240	185	180	90	75	150	350	215	165	11
16	350	210	265	155	15	350	25	285	30	280	305	310	345	340	330	315	15	30	35	55	255	80	180	65	2
17	340	45	60	315	35	60	55	10	195	210	315	250	205	260	290	315	15	45	300	190	100	345	270	225	[VA]
18	165	195	285	105	50	75	75	45	255	285	305	180	255	210	180	180	180	180	180	180	180	180	180	190	9
19	195	185	180	175	205	280	270	270	270	265	275	270	270	275	270	270	250	260	260	260	255	290	300	250	13
20	260	275	285	265	275	285	300	285	275	280	260	260	225	230	230	240	245	235	215	190	175	165	180	310	13
21	285	180	210	185	205	150	160	195	225	250	265	270	290	285	285	280	265	285	285	275	30	300	180	290	13
22	225	320	340	50	330	15	55	60	30	230	15	15	345	295	270	255	250	185	185	175	165	170	285	310	2
23	285	305	295	310	195	30	315	285	330	225	240	275	240	255	240	270	215	260	305	260	225	215	195	165	13
24	200	210	195	60	80	80	75	10	10	340	255	250	265	245	225	230	225	220	190	180	180	180	175	195	11
25	180	185	185	180	180	185	295	285	255	250	310	240	155	130	30	40	45	15	225	135	225	210	200	195	9
26	180	180	200	180	230	200	255	285	235	255	270	230	230	210	200	210	180	170	170	170	235	250	225	145	11
27	145	345	45	65	225	270	35	85	330	310	180	195	195	190	210	225	245	285	300	230	185	180	260	270	9
28	270	245	240	235	180	150	150	185	210	210	200	230	250	255	285	305	310	305	0	20	25	345	30	50	12
29	300	120	190	210	170	125	300	290	280	200	260	340	15	20	15	10	345	30	20	0	350	0	0	230	1
30	245	200	200	150	150	195	215	340	215	245	230	245	240	275	300	270	285	320	40	45	350	195	240	210	12
31	270	30	80	60	70	10	50	50	330	255	270	290	310	285	285	345	285	180	180	180	180	230	225	165	14
PV	13	9	[VA]	3	4	4	[VA]	4	12	13	13	13	15	15	[VA]	15	[VA]	12	14	9	[VA]	9	9	10	13

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	75	120	255	30	45	45	355	315	340	260	185	195	190	185	185	195	205	210	195	185	195	215	165	240	[VA]	
2	210	195	265	185	300	240	315	280	245	240	295	20	270	335	320	320	325	315	345	60	65	340	330	315	15	
3	210	15	0	320	300	350	320	305	330	315	240	265	270	315	300	310	315	335	10	40	45	270	345	5	15	
4	340	50	335	45	320	345	100	40	50	40	325	345	300	345	270	275	185	185	145	90	285	0	50	350	16	
5	210	260	330	345	150	290	270	105	215	240	310	30	325	25	120	155	180	145	185	200	240	185	180	170	9	
6	165	170	170	180	195	210	180	195	210	215	225	240	230	235	240	220	240	255	230	240	210	225	200	180	[VA]	
7	185	190	185	190	195	200	195	205	240	285	205	300	45	60	45	45	60	60	60	145	155	50	350	355	9	
8	15	285	265	140	330	150	10	60	250	355	310	280	345	330	60	10	165	165	170	130	70	75	240	345	16	
9	165	165	170	175	315	315	225	200	240	295	255	245	255	265	255	275	265	300	300	285	240	285	260	195	[VA]	
10	315	245	15	60	185	300	255	285	270	295	225	210	210	255	330	10	30	50	50	50	335	195	285	330	14	
11	165	250	60	75	345	25	200	60	45	240	305	345	210	190	195	180	190	185	185	165	205	270	210	120	9	
12	315	315	240	265	320	285	180	170	180	180	185	180	195	200	150	195	130	155	135	150	165	180	175	165	9	
13	165	165	170	170	185	175	175	195	180	230	185	190	200	200	210	195	180	190	195	170	180	240	180	0	9	
14	210	170	200	75	285	195	120	235	165	180	270	180	180	250	285	150	10	300	305	165	160	305	355	135	9	
15	175	180	175	165	225	175	210	190	195	195	195	190	190	200	195	195	195	200	270	340	330	15	40	45	10	
16	10	125	300	255	30	15	25	175	200	210	210	275	270	265	270	240	200	190	205	215	175	235	10	70	10	
17	30	15	320	240	230	305	285	330	195	240	165	60	20	75	75	50	60	80	105	105	190	225	260	240	[VA]	
18	150	120	165	325	270	65	275	270	30	280	115	200	165	175	170	165	175	170	200	145	180	165	195	165	9	
19	285	205	195	200	240	225	150	245	220	180	215	225	215	150	210	210	220	225	335	20	45	315	250	240	11	
20	165	130	25	205	225	225	180	340	200	215	200	210	245	255	240	240	225	230	255	210	175	180	190	205	11	
21	205	200	300	305	215	205	75	195	200	265	255	255	260	255	285	285	270	270	305	310	225	120	280	255	13	
22	305	325	5	235	165	210	165	265	225	190	205	230	230	285	285	195	240	240	215	175	170	280	250	250	11	
23	220	220	250	270	275	270	270	270	260	270	285	295	295	280	300	285	305	305	10	15	15	40	40	255	[VA]	
24	235	65	330	310	300	355	0	5	300	280	195	285	270	255	255	295	195	235	50	320	180	225	250	240	12	
25	265	75	320	350	310	200	290	315	225	195	295	250	235	180	180	220	285	295	220	165	160	140	185	220	[VA]	
26	240	270	230	180	180	180	185	180	180	190	175	175	200	200	230	215	235	290	335	40	45	210	330	305	9	
27	180	165	225	270	255	195	170	200	205	300	270	295	240	210	345	30	330	355	340	300	350	190	15	230	10	
28	215	200	220	225	275	325	320	35	285	265	290	270	320	320	300	300	300	335	20	45	235	270	300	300	14	
29	345	355	205	340	270	225	120	195	45	35	30	330	305	320	295	300	335	0	15	45	345	15	240	45	16	
30	300	45	55	45	45	45	330	270	60	295	30	35	10	45	350	15	15	15	15	335	240	[VA]	340	210	2	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	9	9	9	14	10	9	10	10	13	10	9	10	10	14	10	10	9	10	8	9	11	9	12	10	

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WIND SPEED @ 10M
(MILES/HOUR)
                                                      WHITE RIVER SHALE PROJECT,UTAH    ********************
                                                                                        *                  *
                                                      SITE A  8                         * PRELIMINARY DATA *
                                                                                        * AS OF 01/JUL/76  *
                                                      FEBRUARY,1976                     *                  *
                                                                                        ********************
                                                      AEROVIRONMENT INC.                *                  *
                                                                                        *    SUBJECT TO    *
                                                                                        *     REVISION     *
                                                                                        *                  *
                                                                                        ********************

                                         CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                         P
  A                                                                                                                         E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE     A
  E                                                                                                                         K

  1   2.5   2.5   2.5   2.5   2.0   2.0   1.5   2.5   2.0   3.0   3.0   4.5   5.5   9.0   5.5   3.0   3.0   5.0   4.0   4.0   4.5   5.0   4.0   2.0 3.5   9.0
  2   1.0   3.5   2.5   3.0   2.0   2.5   1.5   2.0   2.5   2.5   5.0   4.0   4.5   4.5   2.5   3.5   5.0   2.5   1.0   2.5   4.0   3.5   2.5   2.0 3.0   5.0
  3   5.5   4.0   5.5   2.0   4.5   4.0   3.0   4.5   3.0   3.0   3.5   3.5   3.0   3.5   2.5   3.0   3.5  12.0  11.0   9.5   3.5   3.0   5.0  13.0 5.0  13.0
  4  12.0  16.5  21.5  24.0  24.5  24.0  22.0  22.5  23.0  23.5  25.0  24.5  25.0  21.5  16.0  23.5  18.0  14.5  10.5  17.0  23.5  23.0  20.0  21.020.5  25.0
  5  24.0  24.5  25.0  24.0  12.5   6.5   4.0   3.5   3.0  11.5   9.5  11.5  14.5  13.0   9.5  16.0  17.0  15.0  12.0  12.5   9.5   6.5   6.5   5.012.5  25.0
  6   3.0   2.5   3.5   3.5   4.0   3.5   2.0   3.0   2.5   3.0   4.0   6.0   5.0   5.5   4.0   4.5   5.0   3.0   4.0   4.0   3.5   3.0   3.5   4.5 4.0   6.0
  7   3.5   2.5   3.5   4.0   2.0   2.5   2.5   2.5   2.5   4.0   2.5   6.5   7.0   5.5   5.5   5.0   5.0   3.5   3.0   3.5   3.5   2.0   3.5   4.0 3.5   7.0
  8   3.5   2.5   2.5   2.5   2.5   3.5   3.0   1.5   2.5   3.5   4.5   3.5   5.5   3.5   2.5   3.5   4.5   3.5   2.5   4.0   3.0   3.5   2.0   2.5 3.0   5.5
  9   2.5   1.5   2.0   1.5   2.5   4.0   4.0   3.5   3.0   3.5   3.5   4.0   5.5   7.0   6.0  14.5  24.5  30.5  19.5  20.5  22.5  17.5   4.5  15.0 9.5  30.5
 10  17.0  12.0  10.0  13.5  14.0  13.0  12.0  12.0   8.0  10.0  15.0   8.0   4.5  10.0  10.0   6.0   5.0   2.5   5.5   6.5   6.0   8.0   8.0  10.0 9.5  17.0
 11   8.5   5.5   4.0   2.5   5.5   4.0   3.5   2.5   3.0   3.5   4.0   4.5   6.0   6.0   5.5   6.0   5.0   5.0   2.5   3.0   2.5   2.5   2.0   3.5 4.0   8.5
 12   3.5   1.5   5.0   4.5   3.5   4.5   3.5   3.0   2.0   3.5   3.5   6.5   6.5   3.5   3.0   4.0   5.0   5.5   4.0   5.5   5.5   5.0   2.5   2.5 4.0   6.5
 13   3.0   2.5   4.0   3.5   3.5   2.5   4.0   2.5   2.5   2.5   3.5   6.0   6.0   7.0   7.5   7.0   5.0   4.0   1.5   3.5   2.5   2.0   2.0   2.0 4.0   7.5
 14   3.0   2.0   3.0   2.5   3.5   4.5   4.0   4.0   5.5   3.5   5.0   4.5   5.0   6.5   9.5  11.0  14.5  17.0  15.0  12.5  11.0  10.0   8.5   6.0 7.0  17.0
 15   6.5  12.0   3.0   2.0   4.5   3.0   6.0   4.0   2.5   3.5   4.0   2.5   5.0   3.0   6.5   8.0   5.0   4.0  10.0   4.5   6.5   8.0   6.0   6.5 5.5  12.0
 16   5.5   5.0   7.0   9.5  12.0  11.0  10.0  11.0  12.0  13.0  16.0  13.5  14.0  19.0  23.0  23.0  16.5   7.5  17.5  11.0  15.0  18.5  18.5  19.013.5  23.0
 17  10.5  21.0  15.0  21.5  18.5  14.0   9.0   4.5   7.5   8.5  11.0  11.5  12.0  13.0  14.0  12.5   8.5   6.0   4.5   8.0  12.5  13.5  17.0  12.512.0  21.5
 18  10.5  12.5   9.0  12.5  16.0  12.0  12.0  13.5  15.5  15.5  18.0  22.5  21.5  20.5  18.0  21.0  21.0  17.0  10.5  11.0   6.5   6.0  11.0   9.514.5  22.5
 19   4.5   3.0   3.0   5.5   5.0   5.0   4.0   2.5   2.0   5.0   8.0   8.5   7.5   6.0   7.0   6.0   9.5  10.5  12.0   9.5   9.5  10.0   9.5   6.5 6.5  12.0
 20   5.0   8.0   8.5   7.5   5.0   6.5   6.5  16.5  16.0  21.5  19.0  18.5  17.5  19.5  18.0  17.5  16.0  14.5  16.5  14.5  10.0   7.0   8.5   9.513.0  21.5
 21   4.5   3.0   5.0   6.5   4.0   3.5   4.0   5.5   6.5   7.5   4.5   3.0   4.5   2.5   2.0   4.0   7.5   5.5   4.5   7.5   2.0   2.5   6.5   6.0 4.5   7.5
 22   5.0   6.5   3.5   3.5   2.5   1.5   2.0   3.5   2.0   3.0   3.5   6.0   7.0   6.0   5.0   6.5   5.0   4.0   3.0   3.0   2.5   1.5   1.5   1.0 3.5   7.0
 23   2.0   1.5   1.5   5.0   4.0   2.0   2.0   2.5   3.0   3.0   5.0   5.5   5.0   5.0   4.0   5.5   5.5   3.5   3.5   2.5   3.0   4.0   2.0   3.0 3.5   5.5
 24   3.0   2.5   3.5   4.0   4.0   9.0   3.5   4.0   6.0   7.5   3.0   5.5   4.5   3.5   8.5   7.0   5.5   5.0   2.0   4.0   6.5   9.0   9.0  10.0 5.5  10.0
 25  10.5   9.5   2.5   6.0   3.0   2.0   3.0   1.0   2.5   5.0   8.0   4.5   5.0   5.0   5.5   3.5   2.5   9.5  14.0  16.0  13.5  10.5  10.5   5.5 6.5  16.0
 26   3.5   3.5   3.0   4.5   3.5   2.0   3.5   3.0   2.5   3.5   5.5   5.0   7.0   5.5   4.0   5.5   6.0   3.0   7.0   5.0   6.0   4.0   2.5  10.0 4.5  10.0
 27   5.0   3.5   2.5   2.5   2.5   5.0   6.0   3.0   3.0   3.5   5.0   4.5   7.5   6.0   5.0   3.0   2.0   5.0   4.5   8.0  11.5   6.0   2.0   5.5 4.5  11.5
 28   4.0   7.0   3.5   2.0   3.5   3.5   3.0   2.0   5.5   4.0   3.5   2.5   5.0  14.0  20.0  19.0  18.5  15.5  13.0  17.5  15.5  15.5  15.5   8.5 9.0  20.0
 29   4.5   2.5   4.0  10.0   4.0   7.5   8.0  10.5  16.5  23.5  23.5  24.0  30.5  31.5  29.5  24.5  22.5  20.0  18.5  17.5  19.0  15.0  11.5  11.516.5  31.5
 30 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV   6.0   6.5   6.0   7.0   6.0   6.0   5.5   5.5   6.0   7.0   8.0   8.0   9.0   9.0   9.0   9.5   9.5   9.0   8.0   8.5   8.5   8.0   7.0   7.5 7.5 [   ]
 SD   4.9   5.9   5.5   5.4   5.6   4.9   4.3   5.0   5.4   6.3   6.4   6.3   6.7   6.9   6.9   7.0   6.7   6.6   5.7   5.3   6.0   5.6   5.2   5.0 4.6 [   ]

OUTPT  [VERSION N   26 APR 76]
```

```
WIND SPEED @ 10M
(MILES/HOUR)
                                                    WHITE RIVER SHALE PROJECT,UTAH       ********************
                                                                                         *                  *
                                                    SITE A  B                            * PRELIMINARY DATA *
                                                                                         * AS OF 01/JUL/76  *
                                                    MARCH,1976                           *                  *
                                                                                         ********************
                                                    AEROVIRONMENT INC.                   *                  *
                                                                                         *    SUBJECT TO    *
                                                                                         *     REVISION     *
                                                                                         *                  *
                                                                                         ********************

                                     CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                               P
  A                                                                                                                                               E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE     A
  E                                                                                                                                               K

  1   7.5  17.0  31.0  23.0  22.0  21.0  18.0  17.5  23.5  31.5  34.5  32.5  37.0  46.5  44.5  44.0  41.0  40.5  24.5  16.0   6.5   5.5   4.0   6.025.0  46.5
  2   4.5  12.5  17.5  20.0  18.5  17.0  14.0  16.5  17.5   9.5   6.5   6.0   8.0   5.0   8.5   9.5   9.5   4.5  12.0   6.0   6.5   7.5   7.5   7.010.5  20.0
  3   2.0   7.0   3.5   5.0   4.5   4.0   3.5   3.0   3.0   4.0   3.5   3.0   3.5   4.5   4.0   6.0   8.0   5.5   3.5   4.5   3.0   2.0   5.0   5.5 4.0   8.0
  4   4.5   3.0   4.0   8.0   8.0   8.5   8.0   4.5   2.0   6.0   9.0  11.0   8.0  10.5   8.5   8.0  10.0  11.5  13.5  10.0   5.5   2.5   2.5   4.0 7.0  13.5
  5   3.0   5.5   7.5   7.5   8.5   8.0   7.5   3.5  10.0   9.5   4.5   1.5   3.0   2.5   2.0   2.5   5.0   2.5   2.5   2.5   3.0   3.0   4.0   2.0 4.5  10.0
  6   1.0   1.5   2.0   2.5   1.5   3.0   2.0   1.0   1.5   2.0   3.0   4.0   6.0   5.0   5.0   4.5   4.5   1.5   2.0   3.5   6.0   2.0   4.5   6.0 3.0   6.0
  7   4.0   1.5   3.0   2.5   2.5   3.0   2.5   3.0   2.0   2.5   5.5   4.5   5.0   5.0   3.5   4.0   2.5   4.0   4.5   2.5   1.5   2.5   2.0   3.0 3.0   5.5
  8   6.0   3.5   2.5   3.5   2.5   3.0   3.5   1.5   1.5   2.5   4.0   5.0   5.0   5.0   5.0   5.5   4.5   3.0   2.5   2.0   1.5   2.5   2.5   2.0 3.5   6.0
  9   2.5   1.5   3.0   3.5   2.0   2.5   3.0   1.0   2.5   3.0   4.5   6.0   5.0   6.5   5.5   6.0   4.0   3.0   3.5   1.5   2.0   3.5   3.5   4.5 3.5   6.5
 10   5.0   5.5   3.0   3.0   2.5   1.5   2.0   3.0   2.0   3.5   5.5   6.5   6.0   7.0   7.0   6.5   4.5   3.0   2.0   3.0   2.5   2.0   7.0   5.5 4.0   7.0
 11   7.5   3.5   8.0  13.5  23.0  20.5  17.5   7.0   5.5  18.0  17.0  16.5  17.0   7.0   9.5  13.5  16.5  20.0  17.5  13.0   6.5   4.5   5.0   6.512.5  23.0
 12  13.0  22.5  25.0  24.5  24.0  24.5  23.0  23.0  21.5  21.0  15.0  12.0   8.0   7.0   7.5   5.0   4.5   6.0   5.5   3.5   2.0   3.0   3.0   4.513.0  25.0
 13   5.0   4.0   2.0   1.5   3.0   2.0   3.0   3.5   3.0   3.0   4.0   6.0   7.5   8.0   8.5   6.0   7.0   5.0   2.5   1.5   2.0   3.0   4.5   4.0 4.0   8.5
 14   9.5   4.5   4.0   5.5   3.5   2.0   3.5   5.5   6.5   3.0   5.0   7.5   5.0   5.0   8.5   8.5  14.0  17.5  18.0  17.0   8.0   5.5   1.5   4.5 7.0  18.0
 15   4.5   3.5   6.5   8.5   7.0   4.5   6.0   6.5   3.0   7.5   6.5   6.5   6.5   5.0   5.0   5.0   3.5   3.5   6.5  10.0  12.5   5.0   3.5   7.0 6.0  12.5
 16   7.0   8.0   7.5   7.0   6.0   3.5   2.5   2.5   3.0   4.0   5.5   7.0   5.5   7.0   6.5   4.0   4.5   3.5   3.0   4.0   7.0   6.0   7.5  10.5 5.5  10.5
 17   6.5   3.5   2.0   2.0   2.5   2.0   1.0   2.5   2.5   4.5   4.5   3.5   5.5   7.0   7.0   7.0   5.5   7.5   4.0   6.5   6.5   6.0   9.0  12.0 5.0  12.0
 18  12.5   9.0   4.5   4.0   7.0   3.5   1.5   2.0   3.5   3.5   2.0   5.0  10.5  24.5  23.5  24.0  22.0  17.5  21.5  24.5  25.5  24.0  18.5  17.013.0  25.5
 19  19.0  20.0  22.0  18.5  20.5  19.5  23.0  19.5  23.5  24.5  24.5  24.0  25.5  25.0  23.5  23.5  22.5  21.0  18.5  17.0  17.0  10.5   5.0   5.519.5  25.5
 20   9.0  11.5  14.5  16.5  13.0  14.0   8.5   6.5  13.0  14.0  14.0  14.0   9.5  11.0  12.5  10.0  10.5  15.5  13.0  16.0  10.0   8.5   8.0   5.011.5  16.5
 21   7.5   8.0   5.5   9.5  10.0  11.0  10.5  13.0  17.5  22.5  22.0  19.5  20.5  23.5  23.0  20.0  17.5  20.0  14.0   8.0   5.5   3.5   3.0   3.013.5  23.5
 22   2.5   3.5   3.5   6.0   2.5   4.0   2.5   2.5   4.0   5.5   6.5   6.0   6.5   7.5   9.5  18.0  22.0  19.0  13.5  11.5   8.0   9.0  10.0   6.5 8.0  22.0
 23  17.5  20.0  21.5  19.0   7.5   5.0   4.0   5.5  17.0  24.5  24.0  24.5  23.5  23.5  23.0  19.5  22.5  16.5  12.5   7.5   6.5   4.5   6.0   4.515.0  24.5
 24   5.5   8.5   6.0   5.0   7.0   9.0  10.5   8.0   3.5   3.5   7.0   7.0  10.0  17.5  19.0  22.0  20.0  18.0  19.0  19.0  27.0  28.5  32.0  25.014.0  32.0
 25  23.5  22.0  22.0  22.5  22.0  22.0  14.5  12.5  17.0  18.5  12.5   7.0   5.5   6.5  13.0  19.5  16.5   9.5   9.5   5.5   4.0   5.5   8.0   7.013.5  23.5
 26   8.5   7.0   6.0   9.0   9.0   9.5   8.5   9.0   9.0   6.0   7.5   9.5  11.5   9.5   7.5   7.5  10.0  14.5  16.0  17.0  16.5  16.5  11.5   8.510.0  17.0
 27  11.5   9.0   5.0   9.0   5.5   6.5   3.0   2.0   3.5  16.0  24.0  28.0  26.0  26.0  26.5  24.0  21.0  17.0  16.0  11.0   7.0   9.5   5.0   7.013.5  28.0
 28   5.5   4.0  10.0   6.0   4.5   6.5   9.0   9.0   8.5   6.5   6.5   9.5  10.5  12.0  11.0  10.0  11.0  10.5  14.0  10.0   6.0   4.0   7.5   3.5 8.0  14.0
 29   4.5   9.0   5.0  11.0   5.0   2.0   1.0   1.0   5.0   8.5   9.5  11.5  11.5  16.0  14.5  11.5  12.5  16.0  12.0   9.0   6.5   7.5   9.0   8.0 8.5  16.0
 30   3.5   3.5   4.0   4.5   7.5  10.0   9.0   9.5   4.5   5.0   9.0   8.0   8.5   8.5   8.0   7.0   7.0   6.0   4.0   4.0   7.5  13.0  12.0  10.0 7.0  13.0
 31   3.5   5.5   5.5   6.5   3.5   1.5   3.0   2.5   4.5   6.5   6.5   6.0   8.0   8.0   8.0  12.0  15.5  17.0  15.5  14.0  13.5  13.0  11.5   6.5 8.0  17.0

 AV   7.5   8.0   8.5   9.5   8.5   8.0   7.5   6.5   8.0   9.5  10.0  10.5  10.5  11.5  12.0  12.0  12.0  11.5  10.5   9.0   8.0   7.0   7.0   7.0 9.0 [   ]
 SD   5.1   6.1   7.8   6.8   7.0   6.9   6.2   5.8   7.0   8.0   7.9   7.6   7.8   9.4   8.9   8.8   8.4   8.4   6.6   6.0   6.2   6.2   5.8   4.5 5.1 [   ]

OUTPT  [VERSION N   26 APR 76]
```

```
         WIND SPEED @ 10M
         (MILES/HOUR)
                                                                      WHITE RIVER SHALE PROJECT,UTAH         **********************
                                                                                                             *                    *
                                                                      SITE A  8                              *  PRELIMINARY DATA  *
                                                                                                             *  AS OF 01/JUL/76   *
                                                                      APRIL,1976                             *                    *
                                                                                                             **********************
                                                                      AEROVIRONMENT INC.                     *                    *
                                                                                                             *     SUBJECT TO     *
                                                                                                             *      REVISION      *
                                                                                                             *                    *
                                                                                                             **********************

                                                     CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                                         P
  A                                                                                                                                                         E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE     A
  E                                                                                                                                                         K

  1   4.0   3.5   2.5   4.0   4.0   5.0   3.5   3.5   4.0  20.5  24.5  25.5  30.0  30.0  30.0  31.0  38.0  31.0  23.5  18.0  14.5  12.0   9.5   8.516.0  38.0
  2   7.5   4.5   5.0   6.0   6.0   4.0   2.0   4.0   5.0   5.0   6.0   6.0   8.5   9.5  11.5  11.5   7.5   6.5   5.5   5.5   6.0   3.5   2.5   2.5 6.0  11.5
  3   3.5   2.5   2.5   2.5   2.5   2.0   2.5   3.5   3.5   5.0   6.5   8.0   7.0   9.0   9.5  12.0  10.5   7.0   7.5   8.5  11.5  13.0   6.0   5.0 6.5  13.0
  4   3.5   3.5   2.5   3.0   5.0   2.5   1.5   3.5   3.5   6.0   6.5   8.5   7.5   8.5   9.5  10.0  19.0   9.0   6.5   8.5  10.5  10.0   7.0   3.5 6.5  19.0
  5   4.0   3.5   4.0   4.0   2.5   3.5   2.5   5.0   3.5   7.0   6.0   7.0  13.0  22.0  20.0  22.5  19.0  11.5  23.0  13.0  13.0  11.5  12.0  14.510.5  23.0
  6  16.0  16.5  14.5  16.0  17.0  13.0  13.0  13.0  18.5  19.0  19.5  17.0  19.0  22.0  20.5  21.0  21.0  18.5  12.0  14.5  11.5  12.5  14.0  11.516.5  22.0
  7  12.0   9.0   9.5   9.5   8.0   9.0   9.0   9.5   8.5   5.0   6.5   6.5   6.5   8.5  13.0  13.0  13.0  13.0  13.5  16.5  18.5  14.5   6.5   3.510.0  18.5
  8   4.0   1.5   2.0   2.5   2.5   2.5   3.5   2.5   3.5   6.0   7.0   7.5   7.5   8.0   8.5  14.5  16.5  16.0  13.0   7.5  12.5   6.5   8.5  22.0 8.0  22.0
  9  19.0  16.5  10.0  13.5   9.5   6.5   5.0   6.5   9.0  17.5  20.0  19.0  20.5  16.0  16.0  15.5  16.5  16.5  16.5  12.5   7.0   6.0   2.5   5.012.5  20.5
 10   5.0   4.0   5.5   7.5  12.5   4.0   2.5   2.5   5.0   6.5   5.0   5.5   6.5   8.5   7.0   8.5   9.5   9.5   8.5  13.0   8.5   3.5   8.0   6.0 7.0  13.0
 11   4.0   2.5   1.5   3.0   2.5   2.0   2.0   2.0   3.5   5.0   9.0   9.5   6.0  19.0  20.0  21.5  21.5  20.0  13.0  11.5  11.5  11.0   4.0   3.5 8.5  21.5
 12   5.5  17.5  19.0  16.0  15.5  16.0  13.0  13.0  19.0  21.5  23.0  23.0  23.0  22.5  14.5  17.5  23.5  22.5  22.5  21.0  24.0  23.5  23.0  22.019.0  24.0
 13  20.5  19.0  19.0  16.0  16.5  15.5  10.0   9.5  24.5  25.0  22.5  17.5  21.0  23.0  23.0  23.0  23.5  19.0  19.0  10.0   6.0  10.0   3.0   3.516.5  25.0
 14  11.0   8.0   4.0   7.0   8.0   6.5   5.5  13.0  12.5  11.5  12.0  16.0  17.0  16.0  13.0   9.5  14.5   6.5   9.5  14.5  16.5  16.5   6.5   9.511.0  17.0
 15   6.5   6.5   9.0  16.5  16.5  16.0  14.5  21.0  23.0  24.0  22.0  [MT]  24.0  23.0  22.0  23.5  23.0  23.5  21.5  10.0   6.0   5.0   5.0   5.016.0  24.0
 16   4.5   5.0   8.5   5.0   3.5   6.0   4.0  10.0  11.5  11.5  11.0  13.0   9.5   9.5  11.5   9.5  21.5  22.5  13.0   8.5   6.5   6.0   3.5   6.0 9.0  22.5
 17   6.5   9.5   5.0   2.0   2.5   4.5   4.0   4.0   3.0   5.0   2.0   6.5  14.5   9.5   9.0   9.0  11.0   9.5   8.5  11.5   9.5   5.0   6.5   7.0 7.0  14.5
 18   6.5   5.0   6.5   3.5   2.5   6.5   6.5   6.5   4.0   4.0   4.0   3.5   8.0   8.5  14.5  15.5  20.5  20.0  11.5   9.5  10.5  14.5  11.5   9.0 9.0  20.5
 19   4.0   1.0   3.0   7.0   2.5   3.0   2.0   3.5   6.0   4.5   5.0   8.5   5.0   5.5   6.5   7.5   6.5   4.0   2.0   3.5   9.0   3.5   6.0   3.5 4.5   9.0
 20   2.5   3.5   3.5   3.0   6.0   7.0   6.5   9.5   8.5   6.5   8.5   8.5   9.0   8.5   7.0   5.0   5.0   6.5   9.5   8.5   9.5  12.5  15.5  15.5 7.5  15.5
 21  16.5  16.0   8.5   6.5   9.5   8.5  10.0  11.5  10.0   9.5  13.0  17.0  19.0  22.5  19.5  15.0  16.0  13.0  11.0   8.0   5.0   6.5   8.5   8.012.0  22.5
 22   3.0   6.0  10.5  14.5  18.0  19.0  19.0  19.5  22.0  22.5  21.5  23.0  22.5  20.0  19.0   6.5  12.0  13.0  16.5  11.0  14.5  17.0  13.0   8.515.5  23.0
 23   3.5   5.0   7.5   6.0   8.5  11.5   8.5  14.5  14.5  17.0  17.0  21.0  22.5  21.0  20.5  18.0  14.5  14.5  13.5  12.5   9.0   7.0   9.5   3.512.5  22.5
 24   3.5   3.0   6.0   6.5   4.0   3.0   2.5   3.5   5.0   6.0   4.0   6.0   6.5   6.5   8.0   7.5   5.5   4.5   4.5   8.0  15.5  16.0  16.5  16.5 7.0  16.5
 25  15.0   4.0  11.5   5.0   3.5   2.5  11.5  21.5  22.5  24.0  19.0   8.0  25.5  31.0  35.5  36.0  24.0  19.5  12.0   8.5   7.0  11.0   5.5   4.015.5  36.0
 26   7.0  11.0   9.5   8.5  11.5  16.5  15.5  16.0   8.5   8.5   9.0   9.5  12.5  12.5  12.5  10.0  11.5  11.0  12.5   6.5   5.0   3.5   4.5   6.010.0  16.5
 27   7.0   9.0   8.5   4.5   3.5   4.0   2.0   2.5   4.5   4.0   5.0   6.5   7.5   6.0   6.5   9.0   8.0   6.5  15.0   9.5   4.0   3.5   2.5   5.0 6.0  15.0
 28   8.5   5.5   9.0   9.0   9.5   7.0   3.0   2.5   4.5   8.0   8.5   6.5   9.0   9.5   9.5   9.5  10.0   9.0   9.0   8.5  13.0  13.5  13.0   8.5 8.5  13.5
 29   3.5   3.5   2.5   2.0   5.0   5.0   8.5   9.5   4.0   3.5   5.0   9.0   9.0   9.5  11.5  11.5  16.5  19.5  16.0  14.5  14.0  11.5  17.0  19.0 9.5  19.5
 30  17.0  14.5  17.0  16.5  16.5  16.0  12.5  14.5  15.5  13.5  15.0  16.0  14.5  13.0  11.5  12.0  13.5  14.5  11.5  11.5   8.5   7.0   8.0   7.013.0  17.0
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV   8.0   7.5   7.5   7.3   8.0   7.5   7.0   8.5   9.5  11.0  11.5  11.5  13.5  14.5  14.5  14.5  16.0  14.0  12.5  11.0  10.5  10.0   8.5   8.510.5 [   ]
 SD   5.3   5.2   4.8   4.9   5.2   5.2   4.8   5.8   6.9   7.2   6.9   6.2   7.1   7.3   7.0   7.2   7.0   6.5   5.3   3.7   4.4   4.9   5.0   5.5 3.9 [   ]

 OUTPT  [VERSION N   26 APR 76]
```

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	355	350	215	210	280	195	20	355	265	95	345	330	340	325	315	315	305	240	355	0	155	170	340	70	16	
2	125	185	55	330	145	260	60	200	180	215	320	355	230	345	260	320	340	320	120	175	185	215	15	355	[VA]	
3	15	5	185	190	190	350	325	0	10	240	310	340	255	240	355	210	185	190	195	165	330	240	245	195	9	
4	185	185	180	190	195	190	180	180	175	185	185	180	180	185	175	190	185	165	165	190	185	195	190	185	9	
5	180	180	180	185	255	240	200	345	310	215	315	215	75	85	40	130	105	90	85	80	125	275	50	220	5	
6	240	230	245	350	10	165	215	240	15	290	240	325	330	310	315	310	295	315	330	350	340	240	265	315	15	
7	335	305	330	350	320	300	215	325	325	320	275	315	315	320	330	320	320	340	320	340	320	345	330	340	[VA]	
8	230	270	60	225	270	10	225	185	320	330	315	330	325	320	300	340	325	330	15	310	10	340	240	240	16	
9	305	295	305	320	285	345	340	305	350	335	290	350	335	235	345	220	190	195	190	190	190	235	85	190	16	
10	195	200	180	185	175	185	180	185	195	195	235	335	330	340	330	290	275	355	145	165	185	180	165	165	9	
11	160	5	170	130	145	15	20	335	215	335	280	315	330	325	325	330	320	320	330	180	35	200	280	0	16	
12	350	75	155	0	25	30	10	355	275	295	320	320	325	315	320	325	325	330	90	190	80	280	55	185	15	
13	345	85	210	340	325	215	350	320	205	275	315	325	320	320	325	325	310	325	45	160	330	325	280	55	16	
14	170	120	285	330	155	180	25	30	150	345	330	335	335	315	205	275	185	160	165	170	180	175	170	175	9	
15	185	195	60	115	10	140	170	350	315	340	350	305	235	150	260	300	295	305	290	195	200	225	200	235	10	
16	185	145	185	160	165	175	185	170	180	190	225	240	220	195	190	195	230	260	190	195	205	195	190	190	10	
17	200	260	240	265	275	275	315	20	290	270	280	280	285	275	275	255	265	270	200	185	185	185	185	185	13	
18	180	175	190	180	190	195	205	210	215	255	265	260	255	275	290	285	270	275	265	270	190	140	150	155	[VA]	
19	355	345	225	345	45	45	245	290	20	260	310	325	330	345	335	340	330	280	270	210	215	250	250	235	16	
20	195	355	320	305	305	290	315	355	0	0	0	355	355	5	15	15	10	35	30	35	30	30	50	60	2	
21	80	70	200	160	210	160	165	165	175	190	225	315	310	310	295	335	350	0	40	160	135	160	150	160	8	
22	185	155	125	0	335	265	190	180	325	270	325	330	330	320	320	320	310	320	335	340	10	180	255	10	16	
23	355	355	235	165	195	220	145	180	10	300	320	320	330	325	340	325	335	345	30	200	170	5	270	325	16	
24	90	155	160	150	245	85	230	160	190	320	265	290	340	185	180	210	235	345	80	245	165	165	160	170	9	
25	165	155	165	180	170	310	185	170	345	345	335	330	330	335	340	320	350	210	165	185	160	165	150	200	8	
26	350	15	15	70	355	30	150	190	215	285	320	335	330	335	310	320	325	265	155	190	195	290	300	165	15	
27	330	335	20	145	220	175	165	15	290	265	315	330	330	325	325	355	300	295	75	165	170	280	90	215	15	
28	125	190	305	95	0	65	120	130	175	245	310	325	220	210	210	215	220	210	185	160	170	170	160	205	10	
29	195	245	210	185	225	190	185	185	200	190	190	185	190	190	185	195	195	195	180	185	185	185	200	220	10	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	9	9	9	9	9	9	9	9	9	13	15	16	[VA]	16	15	15	15	16	9	9	9	9	8	9	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 8
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	200	240	195	200	190	195	190	190	185	215	190	195	195	195	200	200	205	200	200	300	315	300	270	290	10	
2	50	70	75	75	70	75	65	75	70	70	30	350	315	305	310	280	245	285	285	195	220	165	180	165	4	
3	185	120	45	345	220	345	310	245	245	200	205	290	315	325	320	325	300	335	75	60	210	5	320	335	15	
4	315	240	190	165	155	170	160	150	120	15	345	15	15	55	45	75	90	100	105	105	125	45	175	250	8	
5	195	200	190	185	175	170	185	210	170	180	275	255	275	295	285	330	330	355	15	45	195	350	30	195	[VA]	
6	170	285	115	195	145	345	250	195	220	335	315	310	320	320	320	320	315	290	125	150	165	180	5	355	[VA]	
7	25	350	175	125	345	15	330	355	255	285	330	320	325	325	320	310	320	330	340	105	140	0	345	150	16	
8	165	65	350	230	0	150	185	80	35	315	320	335	335	320	320	325	325	310	330	280	300	280	60	135	16	
9	155	45	290	30	5	160	190	25	345	285	335	325	330	325	320	315	320	315	15	190	325	175	325	0	[VA]	
10	320	40	40	145	235	355	315	285	295	290	335	325	320	320	320	315	305	285	290	350	180	350	165	150	15	
11	290	145	170	170	160	145	170	265	85	190	195	195	205	300	260	255	265	280	280	245	205	165	180	120	9	
12	60	65	75	75	85	85	70	80	65	65	55	35	25	0	5	330	320	320	330	30	155	185	110	105	[VA]	
13	195	55	155	215	45	260	225	10	340	300	325	335	335	315	310	325	320	295	245	200	20	60	300	30	15	
14	235	0	265	330	0	280	175	170	205	125	335	330	330	295	320	250	235	245	265	270	290	235	180	195	13	
15	195	165	160	160	180	260	170	165	145	300	320	330	305	260	275	265	0	170	90	100	100	145	235	175	9	
16	345	230	175	170	170	170	65	15	270	335	330	345	335	320	325	325	345	350	340	95	155	165	170	165	16	
17	195	0	290	60	30	225	60	15	0	250	300	280	235	295	310	300	335	10	55	145	155	170	180	170	14	
18	160	180	210	140	170	200	165	45	245	340	345	290	230	185	180	175	180	175	175	165	175	185	195	195	9	
19	200	190	190	195	240	270	270	265	265	260	255	265	270	275	255	255	255	255	260	260	265	300	320	270	13	
20	290	275	275	260	270	275	290	270	265	255	265	245	210	235	230	245	250	230	205	165	185	160	165	190	12	
21	250	205	165	170	180	165	185	210	245	255	265	255	275	270	270	270	265	260	265	310	325	230	130	210	12	
22	115	145	120	160	0	235	325	215	320	315	330	315	315	320	310	180	175	175	155	135	165	165	190	155	8	
23	180	175	175	180	275	195	85	210	200	205	200	195	225	245	225	260	215	245	300	290	320	235	235	180	10	
24	160	190	180	155	155	145	150	160	240	265	275	290	265	230	220	220	210	205	170	175	180	175	175	180	9	
25	180	185	185	175	185	195	305	285	270	255	285	250	230	105	20	55	40	65	180	105	180	180	145	155	9	
26	175	155	170	140	150	145	165	165	180	215	185	210	225	235	225	230	180	175	155	150	150	155	165	165	8	
27	150	170	180	155	170	150	320	115	185	180	195	195	190	190	195	230	245	285	285	260	185	160	195	300	9	
28	250	305	245	225	180	170	140	175	190	250	240	250	240	250	255	285	305	300	330	5	35	315	60	35	12	
29	50	15	350	75	330	40	10	300	305	320	10	15	5	0	355	0	325	5	50	340	350	315	350	320	1	
30	270	215	195	165	140	130	145	145	270	240	205	220	225	260	260	290	275	230	20	55	90	180	140	120	[VA]	
31	270	165	165	150	180	55	340	10	315	335	320	310	290	310	290	195	195	180	170	150	160	155	150	195	8	
PV	9	[VA]	9	8	8	10	9	[VA]	[VA]	[VA]	15	15	15	14	15	15	15	14	14	8	9	8	8	9	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A - 8

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	130	285	285	190	185	180	195	265	345	195	175	185	185	185	185	190	200	200	195	185	190	180	170	290	[VA]	
2	250	170	200	165	90	170	265	180	210	245	0	340	305	310	305	305	305	310	340	45	70	335	15	325	16	
3	305	345	355	210	340	270	340	215	300	305	305	305	330	315	285	300	315	315	350	40	60	75	75	300	15	
4	280	210	190	280	155	235	50	305	305	320	320	315	310	310	350	300	195	170	135	95	30	45	15	275	15	
5	300	285	345	340	300	180	170	320	200	300	345	315	240	105	110	145	180	210	195	150	175	175	200	165	9	
6	145	145	150	170	175	180	170	180	190	195	210	215	210	215	225	210	235	210	225	215	200	180	180	190	9	
7	190	190	175	135	180	175	180	210	235	255	305	330	30	15	35	45	55	45	55	75	90	85	10	300	[VA]	
8	330	330	210	150	220	315	355	325	300	330	330	315	345	5	30	195	150	155	150	115	85	180	160	210	16	
9	135	150	150	155	270	320	260	210	285	250	235	235	240	240	235	255	270	295	295	290	310	320	0	40	[VA]	
10	55	25	55	50	330	10	335	340	315	315	340	335	315	290	315	345	350	15	50	75	165	150	165	350	16	
11	280	330	300	270	330	205	15	300	315	295	320	330	315	190	190	180	180	175	180	135	135	130	0	330	16	
12	270	230	60	135	140	135	150	160	170	160	170	180	195	170	195	125	130	140	130	130	130	130	135	135	7	
13	135	135	135	140	150	175	160	175	185	180	180	160	195	185	205	205	250	205	190	165	210	180	60	145	9	
14	165	160	105	140	300	140	110	355	140	145	175	175	190	235	225	135	200	295	215	135	135	145	200	195	7	
15	180	170	170	150	155	150	40	185	190	185	175	[MT]	175	180	180	190	185	185	210	315	330	350	15	105	9	
16	160	165	150	130	105	185	150	150	185	195	190	275	295	285	285	180	195	195	205	200	180	285	335	40	9	
17	30	345	315	255	245	345	350	330	300	280	315	0	10	55	45	15	40	65	15	95	105	140	220	230	16	
18	260	10	130	315	205	155	140	180	335	195	225	330	175	165	175	205	155	150	180	175	235	140	130	85	8	
19	325	340	120	155	335	230	15	270	170	225	345	195	205	230	240	205	285	290	275	170	70	240	260	230	11	
20	235	285	315	45	330	180	165	180	170	205	235	225	260	270	240	225	260	270	225	180	165	235	150	150	11	
21	220	170	335	175	155	165	165	170	185	260	255	255	240	240	255	265	240	255	300	325	240	95	120	120	12	
22	270	205	185	175	190	165	175	195	190	180	200	210	210	250	280	245	205	200	200	165	160	250	275	280	9	
23	235	225	235	270	280	285	260	260	260	270	270	285	280	270	270	280	285	315	345	0	10	20	0	240	[VA]	
24	250	245	145	110	230	205	345	295	330	330	255	330	290	270	15	270	260	285	350	125	150	140	120	125	7	
25	180	15	125	240	330	15	165	170	175	185	240	300	185	175	170	190	285	285	340	150	150	100	290	330	9	
26	245	255	195	175	180	180	190	180	185	205	190	175	190	200	210	230	215	265	310	10	105	270	300	65	10	
27	170	150	140	225	240	290	275	200	210	270	285	300	315	300	285	340	315	0	305	320	345	345	230	170	15	
28	105	190	145	140	135	120	315	320	335	325	325	310	295	300	310	290	275	295	345	60	75	95	205	300	15	
29	90	345	45	30	30	210	100	85	30	285	305	325	335	315	275	265	295	340	0	45	75	70	65	70	4	
30	80	60	60	55	55	50	35	30	5	5	25	20	10	10	355	10	10	20	245	35	40	45	75	85	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	13	9	7	8	9	9	[VA]	9	9	10	15	15	[VA]	[VA]	9	10	14	14	10	8	8	7	1	[VA]	9	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	3.5	3.5	3.5	2.5	2.5	2.5	4.0	5.5	3.0	4.5	3.0	7.0	3.5	4.5	3.5	4.5	3.0	2.5	2.5	3.5	3.5	3.0	2.5	3.5	7.0
2	2.5	3.0	3.5	3.0	2.5	3.0	2.5	2.5	2.5	3.5	3.0	3.0	4.5	4.5	2.5	2.5	5.0	2.5	2.5	2.5	3.5	2.5	2.0	3.0	3.0	5.0
3	4.0	2.5	3.5	4.0	3.5	3.0	3.0	2.0	1.5	2.5	3.5	2.5	2.5	2.5	2.5	2.0	2.5	3.0	6.0	4.0	3.5	3.0	2.5	3.5	3.0	6.0
4	2.5	4.0	6.0	8.0	6.0	13.0	22.0	22.5	13.0	22.0	22.0	19.5	21.0	19.5	16.5	20.5	18.0	12.0	14.0	15.5	19.0	21.5	18.5	18.5	15.5	22.5
5	23.0	21.5	20.0	16.5	6.5	6.5	9.5	10.5	12.5	14.0	13.5	12.0	10.5	9.0	10.5	10.0	10.0	9.0	10.5	10.5	9.5	8.5	6.5	5.0	11.5	23.0
6	6.5	5.5	6.0	6.5	6.0	4.5	3.5	2.5	3.0	2.5	3.0	5.0	6.5	5.0	3.5	4.5	5.0	2.5	2.5	2.5	2.5	3.0	2.5	3.5	4.0	6.5
7	3.5	2.5	2.5	3.0	2.5	2.5	2.5	3.0	2.5	3.0	3.5	5.5	5.0	4.0	5.5	4.5	3.5	3.0	4.0	2.5	2.5	2.5	3.0	2.5	3.5	5.5
8	3.5	2.5	2.5	3.5	3.0	3.0	2.0	2.0	2.5	2.5	3.0	4.0	2.5	3.5	2.5	3.0	3.5	2.5	2.0	4.0	3.5	3.0	2.0	2.5	3.0	4.0
9	2.5	2.5	2.5	2.0	2.5	3.0	2.5	3.0	3.0	3.5	2.5	3.5	4.5	3.5	4.5	8.0	12.5	23.5	20.0	19.0	20.5	6.0	4.0	7.5	7.0	23.5
10	10.5	10.5	12.0	15.0	12.5	10.5	10.5	12.0	13.5	10.5	4.0	5.0	6.0	8.5	5.0	5.5	4.5	2.5	4.5	4.5	5.0	5.5	4.0	3.5	7.5	15.0
11	2.5	3.5	3.0	2.5	4.0	2.5	2.5	2.5	2.5	4.0	5.0	2.5	3.5	3.5	3.5	3.5	2.5	3.5	4.0	5.0	2.5	2.5	2.5	2.0	3.0	5.0
12	1.5	2.0	2.5	2.5	2.5	1.0	2.5	2.0	3.0	3.0	3.0	5.0	3.5	4.0	3.5	4.0	3.0	4.5	3.5	3.5	3.0	3.5	3.0	2.5	3.0	5.0
13	2.5	3.0	3.5	3.0	2.5	4.0	2.5	2.5	2.5	3.0	3.0	4.0	5.5	5.5	5.5	5.0	5.0	2.5	2.5	2.5	2.5	2.5	1.5	3.0	3.5	5.5
14	2.0	2.5	2.0	3.5	3.0	3.0	4.0	4.0	3.5	3.0	3.0	3.0	4.5	3.0	11.5	15.0	15.5	13.5	7.0	6.5	9.0	5.0	4.0	2.5	5.5	15.5
15	4.0	3.0	3.0	4.0	2.5	2.5	2.0	3.5	2.5	3.0	3.0	3.0	4.5	3.0	5.0	6.0	5.0	7.5	9.0	4.5	8.0	10.5	6.0	6.5	4.5	10.5
16	5.5	4.5	9.0	6.5	9.0	12.0	11.5	9.5	11.0	10.5	12.0	8.5	4.5	11.5	9.5	3.0	6.5	8.5	10.5	11.0	17.5	17.5	19.5	18.0	10.5	19.5
17	16.5	17.0	23.5	23.0	22.0	19.5	19.0	10.0	10.0	12.5	16.0	15.5	17.5	16.0	13.5	8.0	7.5	3.0	8.0	10.0	14.5	17.0	16.5	14.0	14.5	23.5
18	11.5	11.0	15.5	14.0	19.5	19.5	18.0	16.5	12.5	17.0	17.5	22.5	12.5	16.5	19.5	15.5	16.0	13.5	11.5	4.5	3.0	8.0	2.5	2.5	13.5	22.5
19	3.0	2.5	2.5	3.0	5.0	4.5	2.5	4.0	5.0	4.0	7.5	5.0	5.0	6.0	4.0	5.5	12.0	18.5	17.0	10.5	12.0	15.0	13.5	12.5	7.5	18.5
20	8.5	5.5	4.0	3.5	2.5	6.0	7.0	7.0	7.0	9.0	9.5	13.5	15.5	23.0	21.5	18.0	11.0	8.0	9.0	8.0	8.0	9.5	6.0	3.0	9.5	23.0
21	4.5	4.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0	5.5	5.5	6.0	6.5	7.5	6.0	4.0	4.5	3.0	3.0	3.5	4.5	2.5	4.0	7.5
22	2.0	2.5	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	3.0	5.0	5.0	5.0	5.0	5.0	3.0	3.5	3.0	2.5	2.5	2.5	2.5	2.5	3.0	5.0
23	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5	2.5	3.0	3.5	4.0	3.0	4.0	3.5	2.5	2.5	4.5	3.0	3.0	2.5	2.5	2.5	3.0	4.5
24	4.0	2.5	4.5	3.5	6.0	6.0	3.0	4.0	6.0	4.0	3.0	4.0	3.0	3.5	4.0	3.5	3.5	4.0	4.5	2.0	4.0	4.0	5.0	5.0	4.0	6.0
25	3.0	3.5	2.5	3.0	2.5	2.5	5.0	2.5	4.0	4.0	3.0	4.0	4.5	4.5	3.5	2.5	2.5	7.5	8.5	11.5	8.5	8.0	6.0	4.0	4.5	11.5
26	2.5	4.0	3.5	2.5	1.5	4.5	3.5	4.0	3.0	3.0	4.0	5.0	5.5	3.5	2.5	3.0	3.5	3.5	2.5	4.5	4.5	4.5	2.0	2.5	3.5	5.5
27	3.5	3.5	3.0	2.5	2.5	2.5	1.5	2.5	2.0	3.0	4.0	3.0	4.0	4.0	3.0	2.0	2.5	3.5	3.0	4.5	7.0	4.0	2.5	2.0	3.0	7.0
28	2.5	3.0	2.5	2.5	4.0	3.5	3.5	2.5	2.5	3.0	2.5	3.5	4.0	5.5	19.0	22.5	17.0	18.0	16.5	16.0	18.0	18.5	16.5	7.0	9.0	22.5
29	9.5	10.5	9.0	7.5	9.5	7.5	10.0	8.0	12.5	22.0	22.5	21.0	20.5	18.0	22.0	17.5	18.5	18.0	18.0	14.5	11.5	15.5	15.5	6.5	14.5	22.5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.5	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6.5	6.5	7.0	7.0	7.0	7.5	7.5	7.5	7.5	7.5	6.5	7.5	7.5	6.0	5.5	6.5	[ ]
SD	4.8	4.6	5.4	5.1	4.9	4.8	5.5	4.8	4.0	5.8	5.9	5.7	5.1	5.6	6.1	5.9	5.2	5.9	5.2	4.8	5.6	5.7	5.6	4.6	4.0	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 9

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	36.5	23.0	23.0	18.5	17.5	16.0	10.0	18.0	23.0	26.5	29.0	31.0	29.0	36.0	23.5	30.0	27.0	29.0	13.0	7.0	6.0	7.0	4.0	20.5	36.5
2	2.5	10.5	12.5	11.0	10.0	6.0	7.0	8.5	4.5	5.0	7.0	7.0	5.0	4.0	7.0	7.5	3.5	8.5	7.0	6.5	5.5	5.0	5.0	3.5	6.5	12.5
3	2.5	3.0	3.5	3.5	3.5	2.5	3.5	3.5	3.5	2.5	2.0	2.5	2.5	4.0	2.5	4.5	6.5	3.5	4.5	4.0	3.0	2.5	3.0	3.5	3.5	6.5
4	5.5	4.5	5.5	5.0	6.5	6.0	5.0	2.0	3.5	5.5	5.0	7.5	13.5	7.5	7.5	8.5	8.0	5.0	4.0	4.0	2.0	2.5	3.5	4.5	5.5	13.5
5	7.5	10.0	8.0	2.5	2.5	2.5	2.5	2.5	2.0	2.0	3.0	4.5	3.5	4.0	2.5	2.5	3.0	2.5	4.0	2.5	2.5	2.5	1.0	2.0	3.5	10.0
6	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.0	1.5	2.5	1.0	2.5	2.5	3.0	4.0	3.5	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.5	4.0
7	3.0	2.5	2.5	2.0	2.5	1.5	2.5	1.5	2.0	2.5	3.5	4.5	5.0	3.0	3.0	3.5	3.0	2.5	2.5	3.5	4.0	3.0	1.5	2.5	3.0	5.0
8	2.5	3.0	2.5	2.0	2.0	2.5	2.5	2.5	2.5	2.5	3.0	4.5	3.5	5.5	2.5	2.5	3.0	2.5	2.5	4.5	2.0	1.0	2.5	2.0	3.0	5.5
9	3.0	2.5	2.0	2.5	1.0	2.5	2.0	3.0	2.5	2.5	2.5	4.0	4.5	4.0	2.5	2.0	2.5	2.0	3.5	4.0	2.5	2.5	3.5	2.5	3.0	4.5
10	3.0	2.5	2.5	3.0	2.5	3.0	2.5	2.0	5.0	2.5	1.5	4.0	4.0	4.0	2.5	2.5	3.0	3.0	2.0	2.5	2.5	5.0	4.5	4.0	3.0	5.0
11	3.0	3.5	4.0	6.5	7.0	8.0	8.5	4.0	5.0	15.0	10.0	12.5	8.0	15.5	19.5	18.5	18.0	27.5	25.5	11.0	9.0	7.5	5.5	6.5	11.0	27.5
12	17.0	20.0	18.5	21.5	18.5	15.0	15.5	13.5	18.0	16.0	13.5	9.5	8.0	3.0	3.0	4.5	2.5	3.5	2.5	1.5	2.5	3.5	3.0	2.5	10.0	21.5
13	4.0	2.5	2.5	2.5	2.5	2.5	3.0	2.0	2.5	4.0	4.0	5.5	5.0	3.5	5.0	4.0	2.5	2.5	2.5	2.5	2.5	2.0	3.0	4.5	3.0	5.5
14	3.5	3.0	4.0	4.5	2.5	2.0	2.5	2.5	5.0	2.5	2.5	2.5	2.5	5.5	8.5	14.5	22.5	22.5	22.5	19.0	9.0	7.5	5.0	5.5	7.5	22.5
15	4.5	4.0	3.5	4.5	4.5	3.0	6.5	5.0	5.0	7.5	6.0	5.5	6.5	6.0	3.5	3.0	3.5	4.5	5.5	4.0	3.0	5.5	6.0	6.0	5.0	7.5
16	8.0	5.5	5.0	4.0	4.5	3.0	4.0	2.5	2.5	4.0	5.5	6.5	4.5	3.5	2.5	3.5	2.5	2.5	5.0	3.5	3.5	8.0	9.5	6.0	4.5	9.5
17	2.5	3.0	2.5	2.5	2.5	2.5	2.5	3.0	3.0	2.5	3.5	3.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0	2.5	3.5	7.5	7.0	6.0	3.5	7.5
18	5.0	5.5	2.5	4.0	2.5	2.5	2.0	3.0	3.5	5.0	3.5	4.0	13.5	21.0	19.5	16.5	17.5	16.5	18.5	19.5	21.5	17.0	16.0	16.5	10.5	21.5
19	19.0	17.0	20.0	23.0	22.5	24.0	26.5	28.5	24.5	28.0	28.0	30.5	26.0	23.0	22.5	23.0	23.0	20.0	21.0	22.0	16.0	12.5	12.0	5.5	21.5	30.5
20	15.0	16.0	18.0	17.0	20.0	19.5	18.0	14.0	13.0	14.0	13.0	10.0	11.0	11.5	10.0	12.0	16.0	15.0	13.5	11.5	8.0	8.0	4.0	4.0	13.0	20.0
21	12.5	9.0	5.5	10.0	11.0	11.5	16.5	18.5	21.5	20.5	20.5	14.0	20.0	22.5	18.5	16.5	18.0	15.5	14.5	8.5	2.5	3.5	4.5	3.5	13.5	22.5
22	2.5	2.0	2.5	2.5	4.0	2.0	2.0	2.5	3.0	4.0	6.0	5.5	4.0	3.0	3.5	9.5	19.0	14.5	9.0	7.5	10.0	9.5	9.0	15.0	6.5	19.0
23	17.0	15.5	15.0	11.0	13.0	13.0	7.5	9.5	12.0	22.5	10.5	20.0	25.0	28.0	25.5	22.5	20.5	15.5	8.5	4.5	5.5	10.0	7.0	6.0	14.5	28.0
24	7.5	7.5	4.5	3.5	4.0	2.5	2.5	2.5	4.0	4.0	4.5	4.5	8.5	22.0	20.5	21.5	23.5	17.5	14.5	18.0	22.5	21.5	25.5	24.5	12.0	25.5
25	23.5	24.5	26.5	25.0	25.0	18.5	10.0	20.5	20.5	17.0	9.5	6.5	6.0	10.5	20.5	19.5	16.5	10.5	4.5	6.0	7.0	8.5	7.0	8.0	14.5	26.5
26	8.0	8.0	7.0	7.0	6.0	6.0	5.0	5.5	7.0	6.5	10.0	10.5	7.5	6.5	9.0	7.5	10.5	12.5	13.5	10.5	11.5	12.0	12.5	13.5	9.0	13.5
27	9.5	8.0	7.0	6.5	5.5	3.5	3.5	6.5	7.0	14.0	21.5	18.5	20.0	25.5	26.0	24.0	22.5	13.5	14.0	10.5	5.5	4.0	7.0	11.5	12.5	26.0
28	12.0	8.0	14.5	10.0	7.5	9.0	8.5	4.5	4.0	4.5	6.5	12.0	11.0	9.0	8.0	7.5	9.0	6.5	10.0	6.0	6.5	6.0	5.0	2.5	8.0	14.5
29	1.5	2.5	3.5	4.5	4.5	3.0	2.5	2.5	3.0	5.5	5.0	7.5	10.5	11.0	13.0	9.5	10.0	11.5	11.0	6.0	7.5	5.0	3.5	5.5	6.0	13.0
30	6.0	7.0	8.0	3.5	2.5	2.5	1.0	2.5	4.0	8.0	6.5	8.0	8.5	6.5	5.0	5.0	4.0	6.5	7.0	6.0	6.5	3.5	3.0	2.5	5.5	8.5
31	2.5	2.0	3.0	2.5	1.0	2.5	2.0	2.5	3.5	3.5	3.5	7.0	7.0	4.5	4.5	5.0	7.0	14.0	13.0	11.0	17.0	13.5	4.5	7.0	6.0	17.0
AV	7.0	8.0	8.0	7.5	7.0	6.5	6.5	6.0	7.0	8.5	8.0	9.0	9.5	10.0	10.5	10.0	11.0	10.0	9.5	7.5	7.0	6.5	6.0	6.0	8.0	[ ]
SD	5.7	7.7	6.9	5.9	6.7	6.2	6.0	6.4	6.5	7.3	7.0	7.0	7.4	8.4	9.0	7.4	8.4	7.5	7.3	5.6	5.5	4.6	4.8	5.0	5.1	[ ]

OUTPT [VERSION N 26 APR 76]

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          WIND SPEED @ 10M
          (MILES/HOUR)
                                                              WHITE RIVER SHALE PROJECT,UTAH      ********************
                                                                                                  *                  *
                                                              SITE A  9                           *  PRELIMINARY DATA *
                                                                                                  *  AS OF 01/JUL/76  *
                                                              APRIL,1976                          *                  *
                                                                                                  ********************
                                                              AEROVIRONMENT INC.                  *                  *
                                                                                                  *    SUBJECT TO    *
                                                                                                  *     REVISION     *
                                                                                                  *                  *
                                                                                                  ********************

                                            CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                                                         P
  A                                                                                                                                                         E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE     A
  E                                                                                                                                                         K

  1   3.0   2.5   4.5   2.0   5.0   4.0   3.5   4.5   5.5  16.0  22.5  25.0  23.0  22.5  29.5  34.0  26.0  25.5  19.0  17.5  16.0  13.5   6.5   9.014.0  34.0
  2   6.5   7.0   5.5   5.0   3.0   2.5   2.5   5.0   5.0   4.0   8.0   7.0   5.5   5.0   7.0   5.5   5.0   3.0   3.0   3.5   3.0   4.0   2.5   3.0 4.5   8.0
  3   2.5   2.0   2.5   3.0   2.5   2.5   2.5   2.5   2.5   3.5   3.5   8.0   3.5   6.0   4.5   7.0   6.0   4.0   5.0   5.5   4.5   2.5   2.5   3.0 4.0   8.0
  4   2.5   3.0   4.0   4.0   3.0   2.5   3.0   2.5   3.5   4.0   4.0   5.0   4.5   6.0   5.0  16.0  15.0   5.5   4.0   4.0   2.5   4.0   3.5   2.5 4.5  16.0
  5   2.5   3.0   3.0   4.0   3.0   2.5   2.5   3.5   7.5   5.5   8.0   9.0   9.0  10.5  12.0  19.0  22.5  10.5  23.0   6.5  10.5  10.0  12.0  11.0 9.0  23.0
  6  11.5   6.0  10.0  16.5  17.0  14.5  15.5  14.0  12.5  21.5  17.0  21.0  22.5  23.0  25.0  20.0  23.5  19.5  17.5  15.5  16.0  14.5  13.0  11.016.5  25.0
  7  10.5  11.0  12.0  10.0   9.0  10.0  11.0  12.0  13.0   8.0   5.5   3.0   9.0  12.5  14.0  20.0  15.0  17.0  13.5  11.0  10.0   3.0   2.5   8.510.5  20.0
  8   3.5   2.0   2.5   3.0   5.0   2.5   2.5   4.0   5.5   3.5   3.5   4.5   6.5   5.5  10.5   8.0  10.5  12.5  10.0   5.5   5.5   2.5   3.0   4.5 5.5  12.5
  9   4.5   7.5   5.5  12.5   4.5   4.0   4.0   6.5   9.5  17.5  26.0  24.0  16.5  16.0  13.5  15.5  13.0  13.0  14.0  12.0   6.0   2.5   4.5   2.510.5  26.0
 10   3.0   2.5   2.5   2.5   2.5   2.5   2.5   4.0   5.0   5.0   4.0   5.0   6.0   5.5   8.0   6.5   8.5   8.5   9.5   5.5   4.0   8.0   5.0   2.5 5.0   9.5
 11   2.5   3.5   2.0   3.0   2.5   3.5   4.0   2.5   2.5   5.5   5.0   3.0   7.0  21.0  22.5  18.0  16.0  17.5  16.0   7.5   6.5   5.5   6.0   3.5 8.0  22.5
 12   5.0   7.5   9.5   7.0   6.0  10.5   6.0   9.0  11.0  15.5  14.5  16.5  23.5  17.5  12.0  15.0  14.5  11.5   8.0   8.5  10.0   7.0   8.0   7.511.0  23.5
 13   6.5   5.5   4.0   6.5  10.5   9.5   7.0  15.0  21.0  24.0  21.5  22.0  18.5  19.5  21.0  20.0  19.5  19.5  14.0   3.5   2.5   3.5   3.0   5.012.5  24.0
 14   5.5   3.0   3.0   3.5   3.5   3.5   3.0   3.0   7.5  11.0  14.0  13.5  14.5   9.0   8.5   8.5   5.0   7.0  11.5   9.5   6.0   6.0  10.0  14.5 7.5  14.5
 15  11.0  12.5  12.5  12.0  15.5  13.0  13.5  17.0  21.0  22.5  22.5  21.5  23.5  23.0  23.5  25.0  20.5  23.0   5.5   5.0   2.5   7.0   6.0   5.015.0  25.0
 16   4.5   2.5   4.0   5.0   3.5   2.5   2.5   8.5   9.5  15.0  11.0  13.5  13.5  13.5  11.0  12.5  24.0  19.0  13.5  11.5   4.5   5.0   4.5   5.0 9.0  24.0
 17   9.5   4.0   4.0   6.5   6.0   6.0   5.0   5.5   6.0   5.5   4.0   9.5  13.0  12.0  10.5  11.5  10.0   7.5   7.5   6.0   6.5  10.0   8.0   8.5 7.5  13.0
 18   5.5   5.0   3.5   2.0   4.0   2.5   2.5   2.5   3.5   4.5   6.0   3.5   8.0   8.5  12.5  14.0  14.0   7.0  10.0  11.5  12.5   9.5   2.5   2.5 6.5  14.0
 19   4.5   5.5   5.0   5.5   5.5   2.5   2.5   2.5   3.5   8.0   3.5   3.5   3.5   6.0   6.0   4.0   5.0   3.0   3.0   6.5   5.0  13.0  11.5   6.5 5.0  13.0
 20   3.5   5.0   2.5   3.5   5.0   8.5   3.0   3.5   4.5   4.5   8.5  10.0  11.5   8.5   9.5   3.0   7.5  11.5   9.5  11.5  11.5  14.0  14.5  14.0 8.0  14.5
 21  14.0  11.5   6.5   5.0   5.5   6.0   7.5   7.0   7.0   9.0  15.5  17.0  20.0  25.0  15.5  15.0  11.5   9.5   3.5   5.0   3.0   4.0   2.5   3.0 9.5  25.0
 22   5.0   9.5   9.0  11.0  15.0  15.0  18.0  20.0  23.0  23.5  24.5  28.0  22.5  19.5  10.5  13.0  14.0  13.5  19.0  15.0  14.0  14.0  11.5  10.016.0  28.0
 23   8.5  14.0  13.0  11.0  14.5  11.5  13.5  15.5  15.0  15.0  15.0  19.0  18.0  18.0  17.5  18.0  15.0  14.0  20.5   9.0   5.0   4.0   3.5   2.513.0  20.5
 24   5.0   3.5   3.0   4.0   3.5   3.0   2.5   2.5   3.0   4.0   6.0   4.5   4.5   8.0   5.5   6.0   4.5   4.5   4.0   7.5  11.0   8.0   8.0   7.5 5.0  11.0
 25   4.5   3.5   3.5   3.0   3.0   4.0   7.5  12.5   8.0  11.0   8.0   7.0  25.5  28.0  26.5  31.0  30.5  14.0   6.0   6.0   4.5   3.0   4.5   7.511.0  31.0
 26  15.0  11.0   9.0  13.5  16.0  19.0  16.0  14.0   8.0  10.0  11.5  10.5  11.5  13.5  15.0  13.0   5.5   8.5   3.5   4.0   3.5   3.5   3.0   5.010.0  19.0
 27   8.0   5.0   4.0   5.5   3.5   3.5   3.5   5.5   3.5   4.0   6.0   6.0   4.0   7.5   7.0   7.5   7.0  10.5   6.0   4.5   3.5   5.0   4.5   5.5 5.5  10.5
 28   6.5   4.5   2.5   4.5   2.5   2.5   2.5   4.0   5.5   5.5   6.0   5.5   7.5   8.0   5.5   5.0   5.5   5.5   8.5  10.0   6.5   2.5   2.5   2.5 5.0  10.0
 29   3.0   3.0   2.5   3.0   3.0   3.5   2.5   4.0   4.5   6.5   6.5   6.5   7.0   6.0   6.5  10.5  15.5  11.0  22.0  11.5   6.5   8.5  10.5  11.0 7.5  22.0
 30   6.5   7.5   9.0  10.5   7.5   7.5   9.5  14.5  14.5  18.5  19.5  17.5  17.5  17.5  14.0  16.5  14.5  16.5  13.5   8.5   3.0   1.5   3.0   2.511.5  19.5
 31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

 AV   6.0   6.0   5.5   6.5   6.5   6.0   6.0   7.5   8.5  10.5  11.0  11.5  12.5  13.5  13.0  14.0  13.5  12.0  11.0   8.5   7.0   6.5   6.0   6.0 9.0 [   ]
 SD   3.4   3.4   3.3   3.9   4.6   4.6   4.7   5.2   5.6   6.6   7.0   7.5   7.1   6.8   6.8   7.4   7.0   5.8   6.0   3.7   4.0   4.0   3.6   3.6 3.6 [   ]

  OUTPT  [VERSION N   26 APR 76]
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3

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	355	195	215	75	40	345	325	295	20	105	55	35	35	225	230	305	225	305	10	35	210	200	350	345	[VA]	
2	335	235	45	265	85	285	155	355	330	225	70	80	320	30	300	345	235	230	225	235	65	330	30	180	[VA]	
3	35	305	290	185	20	30	170	10	205	225	75	340	320	30	40	295	135	10	210	275	280	15	0	220	2	
4	65	205	235	225	225	230	230	230	220	220	215	230	210	220	230	235	230	230	235	250	230	235	245	240	11	
5	225	225	230	230	220	45	55	40	45	40	45	45	35	25	25	25	30	30	35	30	35	35	30	45	[VA]	
6	40	35	30	40	30	25	25	350	55	35	50	250	235	230	295	240	230	225	95	20	220	215	195	240	3	
7	230	340	20	35	100	55	340	240	180	330	345	260	235	225	230	225	225	220	210	345	250	310	335	180	11	
8	350	315	320	280	10	65	330	305	315	290	220	55	305	0	340	175	225	220	255	230	65	25	300	225	15	
9	225	225	80	35	30	45	230	210	75	285	20	320	215	305	135	140	220	220	215	220	235	220	165	210	11	
10	215	210	215	215	215	220	215	220	220	225	5	20	35	15	225	210	215	200	205	205	200	195	185	220	10	
11	295	75	35	265	190	50	85	185	350	210	230	280	340	335	220	250	260	210	215	300	45	70	280	320	13	
12	80	195	335	55	195	240	30	240	210	130	165	235	225	220	245	240	290	245	210	320	295	50	35	40	12	
13	330	205	225	40	15	210	270	115	5	290	345	230	235	240	235	225	240	225	150	5	250	245	220	295	11	
14	155	15	280	205	20	25	340	60	260	60	300	255	325	20	250	210	205	205	215	210	205	230	210	235	10	
15	100	30	315	25	60	40	280	215	220	340	175	315	15	40	260	225	225	220	215	165	225	220	195	210	11	
16	200	325	195	185	205	205	210	215	205	220	235	230	280	215	230	10	220	200	215	220	215	215	215	220	10	
17	220	235	235	230	235	245	240	240	275	230	230	245	235	230	240	230	240	220	205	215	225	215	215	235	[VA]	
18	205	210	205	200	220	220	220	215	220	235	235	240	220	225	225	225	225	225	225	270	245	195	215	25	11	
19	330	65	285	20	40	25	50	30	30	105	225	210	0	45	10	5	250	250	240	235	245	245	250	250	2	
20	250	270	240	205	35	225	305	315	355	10	35	45	35	30	30	25	25	25	35	40	50	40	65	290	2	
21	215	225	345	65	300	330	305	100	45	70	40	45	40	25	20	20	30	20	30	20	235	190	225	175	2	
22	220	355	210	45	240	255	215	50	55	60	40	50	45	45	40	35	100	235	240	230	225	280	350	55	3	
23	125	15	255	335	45	90	300	25	120	350	290	300	40	50	35	45	325	205	235	245	310	275	285	85	[VA]	
24	200	110	110	325	110	290	200	215	225	245	305	235	340	310	120	10	10	50	40	260	215	235	235	230	11	
25	165	210	305	185	310	265	285	85	45	70	120	45	40	35	45	45	35	200	220	225	230	220	230	230	[VA]	
26	305	65	50	0	40	350	300	185	355	355	35	50	40	30	20	250	285	180	135	0	195	190	190	200	3	
27	60	20	330	200	260	320	315	320	140	190	210	210	230	130	355	40	30	30	60	185	205	170	140	220	10	
28	120	90	210	340	45	345	210	40	10	325	175	40	35	220	210	210	215	215	210	205	200	205	210	215	10	
29	215	205	200	205	215	225	220	215	220	215	215	205	210	205	200	210	215	210	215	215	220	215	210	205	[VA]	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	11	[VA]	11	10	3	[VA]	[VA]	11	11	11	3	11	3	2	11	11	11	11	11	11	11	10	[VA]	[VA]	11	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	160	185	195	190	200	200	205	190	190	200	205	205	210	200	215	210	215	210	220	215	210	200	210	200	10	
2	25	20	20	10	20	325	65	40	295	30	35	30	315	270	220	260	215	230	200	220	195	190	195	205	2	
3	20	355	290	45	210	255	210	210	210	235	345	305	355	40	35	345	275	100	30	350	150	5	340	260	1	
4	205	195	200	200	205	205	200	45	10	30	15	30	30	30	15	30	55	40	55	85	315	345	215	210	2	
5	195	200	200	220	215	40	25	165	175	180	35	35	30	35	140	35	20	30	35	65	200	0	20	280	[VA]	
6	355	45	260	90	35	280	0	55	330	45	275	35	240	20	40	35	320	310	45	95	230	10	70	335	3	
7	215	210	20	25	30	235	345	50	310	40	40	50	35	0	25	25	30	15	270	215	215	240	235	230	2	
8	255	90	310	0	40	110	220	55	45	30	355	50	50	35	30	95	220	215	225	220	330	55	30	25	3	
9	35	275	295	45	295	215	230	60	285	10	345	45	30	40	15	215	65	195	210	210	170	285	0	35	3	
10	345	280	210	315	320	135	5	50	10	20	325	210	210	205	5	215	205	205	240	205	260	190	75	145	10	
11	290	75	145	195	185	205	220	110	170	200	205	200	215	215	210	210	215	225	210	210	200	200	205	20	10	
12	45	45	40	40	40	30	35	35	30	20	15	20	30	35	45	350	285	240	305	305	195	195	185	195	2	
13	200	25	180	320	305	95	10	335	160	335	25	25	300	290	20	10	250	200	190	190	300	20	150	110	2	
14	0	120	250	210	200	175	0	45	10	300	305	280	30	295	205	205	205	205	210	210	205	210	195	190	10	
15	190	270	160	190	270	135	190	140	200	220	205	205	200	220	300	295	20	70	80	70	175	205	210	195	10	
16	200	210	210	210	240	325	40	345	150	355	230	35	15	315	295	20	250	270	30	350	215	210	210	235	11	
17	20	5	130	345	225	5	40	0	35	65	10	15	215	180	225	20	15	25	40	310	155	200	195	225	2	
18	220	190	175	265	355	270	245	25	10	35	45	135	210	205	200	195	210	205	195	210	215	220	220	210	10	
19	215	215	220	215	235	235	235	240	235	230	235	240	225	230	225	220	235	230	230	230	230	240	230	255	[VA]	
20	215	225	220	225	225	225	220	225	215	215	225	205	225	215	230	230	215	220	215	205	200	195	280	355	[VA]	
21	200	205	195	195	195	195	200	215	215	220	220	225	225	230	225	230	225	225	225	235	40	325	320	290	[VA]	
22	345	5	290	300	130	295	270	160	30	350	345	35	20	25	340	195	200	205	200	195	195	205	215	215	10	
23	210	205	215	215	205	215	220	220	210	215	220	225	205	210	210	195	200	210	215	250	305	215	220	190	[VA]	
24	185	210	275	255	265	355	320	105	40	15	255	215	220	210	225	225	215	220	210	210	215	210	210	210	11	
25	205	210	205	210	205	265	230	230	230	240	240	180	30	45	25	25	10	205	35	195	205	195	190	205	[VA]	
26	215	215	200	190	210	210	210	195	195	270	210	210	175	355	190	190	165	180	185	190	195	210	210	205	19	
27	210	210	185	190	195	180	175	180	185	205	205	215	195	190	200	205	210	215	215	210	165	330	290	210	10	
28	215	255	215	205	195	200	205	175	195	260	215	205	225	265	220	285	225	350	0	50	45	50	35	0	[VA]	
29	0	275	190	210	205	285	250	335	275	55	50	50	40	5	35	10	40	355	30	305	330	60	345	275	[VA]	
30	235	225	225	210	270	205	150	225	325	240	240	225	285	285	285	275	85	40	45	55	180	230	290	315	11	
31	180	345	240	10	350	270	235	0	60	30	345	230	220	230	345	15	260	195	225	225	220	220	225	210	11	
PV	10	10	10	10	[VA]	10	[VA]	3	10	2	11	10	11	11	11	10	11	[VA]	10	10	10	[VA]	10	10	10	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	290	60	115	290	175	180	180	80	35	220	235	240	180	190	195	200	200	200	205	205	190	195	195	190	10	
2	205	210	220	220	230	195	285	215	225	340	60	70	330	285	230	330	265	235	355	40	180	255	10	325	11	
3	85	35	340	325	290	45	30	120	15	320	235	315	340	265	295	215	275	335	15	35	60	240	275	350	15	
4	225	15	255	225	155	40	160	45	35	40	295	335	285	20	330	215	200	195	120	10	355	15	325	20	2	
5	10	340	115	45	255	5	320	335	230	330	35	45	70	70	100	210	215	135	210	180	210	215	200	195	10	
6	195	185	185	210	220	230	230	230	235	240	240	245	230	235	235	240	235	235	225	230	225	225	230	230	11	
7	215	210	215	210	210	210	215	225	240	240	235	25	50	45	30	25	35	40	40	45	60	75	220	230	11	
8	140	225	320	155	230	15	45	30	30	5	320	335	55	15	40	250	195	210	210	125	80	30	35	150	2	
9	195	210	215	225	350	335	195	230	235	235	230	235	225	235	230	230	245	235	240	245	200	190	200	350	11	
10	325	300	285	125	235	345	225	225	290	5	10	5	40	340	30	30	35	25	45	70	185	220	200	280	[VA]	
11	245	305	35	70	325	235	65	60	40	35	25	295	310	210	210	210	210	215	215	230	215	195	195	195	11	
12	190	220	215	225	195	215	220	210	205	215	200	210	225	215	85	75	95	105	145	195	190	175	205	205	10	
13	190	195	205	175	205	185	205	215	215	215	215	235	225	225	225	215	210	215	215	180	135	210	300	240	10	
14	190	225	65	10	185	190	340	210	265	215	205	235	200	245	190	220	295	280	190	190	175	205	230	230	[VA]	
15	215	210	225	210	215	225	220	220	215	220	210	215	210	205	220	225	225	225	5	0	330	10	50	55	[VA]	
16	35	135	335	200	110	60	105	195	210	230	245	230	225	240	265	225	210	220	225	210	275	40	60	50	11	
17	25	350	310	235	245	250	310	225	230	220	30	35	40	45	30	40	40	70	75	95	310	215	210	165	3	
18	105	210	285	350	320	200	265	310	50	35	65	350	150	185	200	210	200	245	225	220	190	315	250	315	10	
19	30	60	150	205	225	10	120	175	55	330	310	335	350	235	185	350	55	85	205	5	295	250	245	230	[VA]	
20	195	200	325	305	230	220	200	215	215	250	270	250	240	285	225	40	235	230	230	210	210	205	220	230	11	
21	220	255	195	210	225	220	215	200	240	245	240	245	235	235	245	240	240	250	300	250	280	205	5	245	11	
22	185	220	220	225	215	225	220	220	215	220	220	225	220	290	245	235	235	225	220	215	230	235	250	235	[VA]	
23	215	220	230	235	240	245	240	225	230	230	240	235	235	240	235	235	230	295	30	40	50	45	310	260	12	
24	270	200	70	275	175	190	270	40	270	20	30	20	325	30	225	280	0	45	75	165	205	235	240	255	[VA]	
25	325	35	20	15	25	120	200	200	235	220	220	325	205	195	205	240	245	230	180	180	40	0	215	235	[VA]	
26	240	235	190	215	215	220	215	210	210	210	215	240	200	220	215	195	330	215	0	50	165	195	20	150	11	
27	205	205	230	230	200	150	200	195	220	50	230	225	355	40	25	20	20	325	335	345	240	215	230	235	11	
28	215	195	185	215	295	0	40	35	35	30	225	215	215	210	15	45	30	20	35	70	40	260	355	340	3	
29	325	320	225	255	215	135	200	25	45	55	70	0	5	320	305	235	25	30	35	45	35	40	45	55	3	
30	60	75	50	45	70	60	40	45	45	40	45	40	30	45	25	30	25	35	35	30	30	190	50	115	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	[VA]	11	[VA]	[VA]	11	[VA]	10	11	11	11	11	[VA]	11	11	11	11	11	11	11	10	[VA]	11	11	11	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-7	-7	-7	-8	-11	-10	-11	-11	-11	-8	-5	-3	-3	-1	-1	-2	-2	-5	-7	-7	-7	-7	-8	-8	-7	-1
2	-9	-10	-10	-11	-11	-11	-11	-10	-11	-6	-6	-6	-2	-3	-2	-1	-2	-5	-5	-5	-5	-6	-6	-6	-7	-1
3	-8	-8	-9	-9	-10	-10	-10	-10	-7	-6	-6	-3	-1	-1	-2	-1	-1	-1	1	3	0	-3	-3	-4	-5	3
4	-6	-5	-3	-5	-6	0	5	6	6	6	6	6	4	4	6	6	4	4	4	4	4	4	5	5	3	6
5	3	3	3	3	3	-3	-6	-7	-8	-7	-8	-8	-8	-8	-8	-8	-8	-9	-10	-10	-10	-11	-11	-11	-6	3
6	-13	-13	-12	-13	-13	-13	-13	-13	-12	-11	-9	-7	-8	-8	-7	-8	-8	-9	-10	-10	-10	-11	-11	-11	-11	-7
7	-12	-11	-12	-13	-13	-12	-12	-12	-10	-9	-8	-6	-9	-6	-8	-7	-6	-11	-12	-13	-13	-13	-12	-11	-10	-6
8	-10	-10	-10	-10	-11	-11	-11	-10	-9	-8	-7	-5	-4	-3	-5	-5	-7	-6	-7	-8	-7	-7	-8	-8	-8	-3
9	-5	-5	-6	-7	-8	-7	-7	-7	-7	-5	-3	-2	-2	-1	-1	0	4	2	3	3	3	-3	-3	0	-3	4
10	1	0	0	0	0	0	-1	0	0	2	3	3	3	3	2	2	2	2	2	0	-1	-2	-2	-2	1	3
11	-2	-4	-5	-5	-5	-6	-6	-6	-6	-4	-1	1	1	2	3	4	3	1	-2	-2	-2	-4	-5	-7	-2	4
12	-8	-7	-7	-6	-7	-8	-8	-8	-7	-5	-4	-4	0	1	2	3	2	0	-1	-2	-3	-3	-3	-4	-4	3
13	-5	-5	-3	-3	-4	-5	-5	-5	-5	-3	0	3	1	2	3	3	3	1	-2	-1	-2	-2	-1	-1	-2	3
14	-5	-4	-2	-3	-3	-4	-6	-5	-4	-3	0	3	1	1	1	-2	0	-1	-2	-2	-1	-2	-2	-4	-2	3
15	-3	-4	-3	-3	-4	-5	-6	-7	-5	-2	-2	-1	0	1	2	2	1	0	-2	-2	-2	-3	-3	-5	-2	2
16	-5	-5	-6	-6	-5	-6	-6	-6	-5	-2	-1	0	3	3	2	2	2	0	0	-1	0	0	0	0	-2	3
17	-1	-4	-3	-3	-3	-4	-6	-6	-5	-4	-4	-2	-1	1	3	5	3	1	-1	-2	-3	-3	-2	-1	-2	5
18	-3	-3	-2	-2	-2	-1	0	2	3	2	2	4	3	4	3	2	2	2	2	0	-2	-2	-2	-2	0	4
19	-3	-4	-5	-5	-5	-6	-7	-7	-7	-5	-5	-1	4	4	4	5	3	-1	-2	-1	-1	-2	-5	-3	-3	5
20	-9	-9	-8	-8	-7	-8	-7	-6	-5	-5	-4	-4	-4	-4	-3	-2	-3	-3	-5	-5	-5	-7	-9	-9	-6	-2
21	-10	-11	-12	-13	-14	-14	-14	-13	-9	-6	-5	-4	-5	-5	-4	-5	-5	-4	-4	-5	-8	-9	-10	-10	-8	-4
22	-11	-11	-13	-12	-14	-14	-14	-14	-9	-5	-4	-5	-4	-5	-4	-1	0	-3	-4	-6	-6	-7	-7	-7	-8	0
23	-9	-8	-10	-11	-12	-13	-13	-11	-7	-4	-2	-1	0	1	0	1	2	1	0	-1	-4	-5	-4	-3	-5	2
24	-5	-6	-6	-6	-7	-7	-8	-7	-5	-2	0	-1	-1	2	3	4	5	4	3	0	-1	-1	0	0	-2	5
25	-1	-2	-3	-4	-5	-5	-6	-5	-4	-1	1	1	2	4	7	8	8	6	4	3	3	3	2	1	1	8
26	-3	-2	-1	-3	-3	-5	-5	-4	-2	0	1	1	1	3	7	6	4	4	3	2	0	-1	-1	-1	0	7
27	-2	-3	-5	-5	-5	-5	-6	-5	-2	0	2	4	5	5	5	6	8	7	6	4	2	2	2	2	1	8
28	2	-1	-2	-2	-2	-3	-3	-3	-1	1	1	2	5	10	12	13	12	10	8	6	5	6	5	4	4	13
29	3	4	3	3	2	3	4	4	6	7	8	10	10	9	10	10	9	8	8	7	5	6	7	7	6	10
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-5	-5	-5	-6	-6	-7	-7	-6	-5	-3	-2	-1	0	1	1	1	1	0	-1	-2	-2	-3	-3	-4	-3	[ ]
SD	4	4	4	4	5	4	5	5	5	4	4	4	4	4	5	5	5	5	5	5	4	5	5	5	4	[ ]

OUTPT [VERSION N 26 APR 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6	4	4	5	4	3	3	5	5	6	7	7	10	9	9	9	7	7	4	-1	-3	-4	-5	-6	4	10
2	-5	-6	-6	-8	-9	-9	-10	-9	-6	-6	-6	-5	-4	-3	-4	-4	-5	-6	-6	-6	-8	-7	-8	-9	-6	-3
3	-7	-7	-8	-7	-7	-8	-9	-9	-9	-9	-8	-5	-3	-4	-4	-5	-7	-8	-7	-8	-8	-8	-8	-8	-7	-3
4	-10	-10	-9	-9	-10	-9	-8	-7	-7	-8	-8	-7	-9	-9	-7	-7	-8	-8	-9	-8	-7	-7	-9	-7	-8	-7
5	-9	-9	-10	-9	-9	-10	-11	-10	-10	-6	-7	-9	-7	-5	-3	-4	-6	-7	-8	-8	-11	-11	-13	-13	-9	-3
6	-12	-11	-11	-11	-12	-13	-14	-12	-10	-11	-4	-3	-3	-3	-6	-6	-6	-8	-9	-11	-11	-13	-12	-12	-9	-3
7	-11	-12	-13	-13	-14	-15	-15	-13	-9	-8	-7	-8	-8	-4	-3	-5	-5	-6	-8	-8	-9	-10	-11	-12	-9	-3
8	-11	-11	-12	-12	-13	-13	-12	-11	-9	-7	-6	-3	-2	-2	0	2	2	0	-2	-3	-5	-6	-6	-7	-6	2
9	-7	-9	-8	-7	-9	-8	-8	-7	-5	-1	1	1	0	1	1	3	3	2	-1	-2	-5	-4	-5	-5	-3	3
10	-6	-6	-6	-7	-7	-8	-8	-6	-4	-3	0	1	3	4	3	6	5	2	1	-1	-1	0	-1	-4	-2	6
11	-2	-2	-1	-3	-3	-3	-2	-2	1	3	3	3	1	-2	-3	-4	-5	-6	-7	-8	-8	-7	-8	-9	-3	3
12	-9	-11	-10	-10	-11	-12	-12	-12	-12	-11	-11	-11	-9	-7	-4	-6	-7	-8	-9	-10	-11	-11	-12	-12	-10	-4
13	-13	-12	-12	-13	-12	-13	-14	-11	-8	-6	-7	-6	-5	-3	-3	-4	-2	-3	-4	-5	-3	-2	-4	-5	-7	-2
14	-5	-3	-5	-5	-6	-6	-6	-6	-5	-3	1	2	1	2	2	3	0	0	-1	-2	-3	-3	-5	-6	-3	3
15	-5	-6	-6	-5	-5	-6	-5	-3	-2	0	1	3	3	5	5	5	5	3	2	0	-2	-3	-3	-2	-1	5
16	-2	-1	-1	-1	-3	-4	-5	-2	2	4	5	6	3	4	7	5	3	3	3	3	3	1	1	1	1	7
17	1	1	1	0	-1	-1	-1	-2	2	6	7	9	11	13	14	11	10	10	9	7	5	3	3	4	5	14
18	5	4	2	2	2	3	2	2	4	7	10	12	15	13	12	13	13	12	12	13	13	11	10	8	8	15
19	7	7	9	8	3	0	-2	-3	-4	-3	-2	-2	-1	-2	-1	0	-2	-3	-3	-4	-4	-5	-5	-5	-1	9
20	-6	-5	-7	-7	-7	-7	-8	-6	-4	-4	-2	-1	0	1	1	2	3	3	3	0	-3	-2	-2	-3	-3	3
21	-2	-2	-4	-4	-3	-2	-1	-1	-1	2	3	3	6	6	6	7	8	7	5	4	3	2	0	-2	2	8
22	-3	-3	-5	-4	-3	-4	-5	-3	-1	3	4	5	10	11	12	12	12	10	8	7	5	5	7	8	4	12
23	7	7	7	6	5	5	3	4	8	10	11	12	12	11	11	11	11	11	8	6	6	7	5	4	8	12
24	4	1	1	0	0	-1	0	1	3	8	9	11	14	14	15	17	14	13	13	11	11	11	10	10	8	17
25	10	10	9	9	9	9	6	3	3	2	0	-2	-2	-2	-2	-3	-3	-4	-6	-4	-3	-4	-4	-5	1	10
26	-6	-5	-6	-6	-8	-8	-8	-8	-5	-2	0	1	0	2	3	4	4	2	0	-1	-1	0	-1	-1	-2	4
27	0	0	-1	-2	-3	-2	-2	-1	1	4	6	5	7	8	8	8	6	1	-3	-4	-3	-3	-4	-5	1	8
28	-5	-6	-6	-7	-7	-6	-9	-6	-5	-4	-3	-2	-2	0	1	2	-1	-2	-2	-4	-5	-5	-5	-5	-4	2
29	-6	-6	-6	-8	-8	-8	-8	-5	-3	-3	0	1	1	1	0	2	1	1	0	-1	-3	-3	-3	-4	-3	2
30	-4	-4	-5	-5	-7	-7	-7	-3	-3	-2	1	4	4	6	5	5	5	3	3	1	0	-1	-2	-4	-1	6
31	-4	-4	-2	-3	-5	-5	-5	-1	1	2	6	6	6	11	12	12	12	11	8	5	5	5	3	2	3	12
AV	-4	-4	-4	-4	-5	-5	-6	-5	-3	-1	0	1	2	2	3	3	2	1	0	-1	-2	-2	-3	-4	-2	( )
SD	6	6	6	6	6	6	5	5	5	6	6	6	7	6	6	7	7	7	6	6	6	6	6	6	5	( )

OUTPT (VERSION N 26 APR 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	2	0	-1	1	2	3	2	5	11	13	13	13	13	14	14	14	13	11	10	8	8	5	3	7	14
2	2	2	0	-1	0	-1	-2	-1	2	5	4	7	10	11	13	13	14	13	12	9	7	6	3	3	5	14
3	2	0	0	-2	-2	-2	-1	0	4	7	10	12	12	14	16	17	17	16	13	12	12	9	7	6	7	17
4	5	3	2	2	1	2	2	2	5	9	13	16	17	16	16	13	11	11	11	10	8	8	6	6	8	17
5	5	5	3	1	1	1	1	1	2	3	5	7	11	11	13	7	4	3	2	0	0	0	0	-2	3	13
6	-2	-2	-3	-1	-2	-2	-1	-1	0	2	5	6	5	5	4	6	5	3	3	4	3	3	2	3	2	6
7	2	2	1	1	2	1	2	2	3	5	8	11	9	9	9	6	12	11	10	8	7	7	5	4	6	12
8	4	5	5	2	2	1	1	2	5	11	13	14	16	16	16	17	16	17	17	16	14	11	11	11	10	17
9	10	11	11	10	9	7	7	9	10	13	13	14	15	16	17	18	18	16	14	12	10	8	8	7	12	18
10	4	3	3	3	3	2	2	4	6	9	11	12	15	16	19	18	18	17	16	14	13	12	9	7	10	19
11	5	4	2	2	1	1	1	3	9	10	15	18	19	21	22	22	21	20	18	15	12	12	12	10	11	22
12	9	10	10	10	10	12	14	15	16	17	18	17	17	17	13	11	12	12	10	9	9	9	9	9	12	18
13	8	7	7	8	8	8	7	7	5	5	9	10	10	11	11	13	12	9	7	5	5	3	3	1	7	13
14	2	3	4	3	3	3	4	7	8	8	10	11	9	8	8	9	10	8	3	3	3	2	2	3	6	11
15	3	3	4	4	4	4	4	5	6	7	8	7	7	7	7	8	8	8	2	0	1	1	0	-1	4	8
16	2	2	1	1	0	1	2	3	5	5	7	8	10	11	11	11	5	3	3	2	2	2	2	0	4	11
17	-1	-1	-1	-2	-1	0	0	-1	1	3	2	2	3	4	5	5	7	7	7	8	7	7	4	2	3	8
18	0	0	0	-1	-1	0	2	3	4	5	8	8	6	5	6	6	5	4	2	-1	-1	-1	0	0	2	8
19	0	1	0	0	0	0	0	4	7	5	5	8	10	11	10	10	10	10	8	6	6	5	4	2	5	11
20	2	2	1	6	-2	1	3	4	7	8	10	12	12	13	14	15	15	15	10	10	9	9	8	9	8	15
21	9	10	11	9	8	7	8	11	13	14	16	17	18	18	17	17	18	17	16	16	15	10	7	6	13	18
22	7	8	7	7	7	9	13	14	16	17	18	18	20	15	14	16	17	18	15	15	13	11	10	9	13	20
23	9	8	9	8	6	7	7	7	10	10	11	12	13	14	14	14	14	14	13	11	8	7	8	8	10	14
24	7	3	2	1	2	2	2	5	10	10	12	12	15	16	18	19	19	18	16	15	13	11	11	10	10	19
25	9	9	7	8	7	7	10	14	15	15	15	17	19	19	20	14	7	3	3	3	3	3	3	2	10	20
26	0	-1	-1	-2	-3	-4	-4	-3	-2	-2	-2	-3	-2	0	4	6	3	0	-1	-3	-3	-3	-3	-4	-1	6
27	-2	-3	-3	-4	-5	-4	-4	-2	0	2	4	6	7	8	8	8	8	8	7	5	3	3	3	1	2	8
28	-1	0	-1	-1	-1	0	1	2	5	7	12	13	13	14	16	18	17	15	14	13	12	12	11	11	8	18
29	12	12	8	6	6	4	6	8	8	11	12	13	13	18	21	21	17	16	13	11	9	8	7	5	11	21
30	5	6	6	4	3	3	5	6	7	8	9	9	11	11	12	13	13	12	12	10	9	9	8	7	8	13
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	4	4	3	3	2	2	3	4	6	8	10	11	12	12	13	13	12	11	10	8	7	6	6	5	7	[ ]
SD	4	4	4	4	4	4	4	5	5	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

FEBRUARY,1976

AEROVIRONMENT INC.

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*********************
*                   *
*  PRELIMINARY DATA *
*  AS OF 01/JUL/76  *
*                   *
*********************
*                   *
*     SUBJECT TO    *
*      REVISION     *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	2.0	1.5	2.5	2.0	2.5	2.5	2.0	2.0	2.0	2.0	2.0	3.0	5.0	5.0	4.0	2.5	2.0	1.5	1.5	2.5	2.5	2.5	2.5	2.5	5.0
2	2.0	2.5	2.5	2.5	2.0	2.0	1.5	1.5	1.0	1.5	2.0	2.0	3.0	2.0	2.0	5.0	5.0	2.0	2.5	2.5	2.5	1.5	2.5	2.0	2.5	5.0
3	2.5	2.5	2.5	2.0	2.5	2.5	2.0	2.0	1.0	2.0	1.0	2.5	2.0	1.5	2.5	2.0	1.5	1.5	2.5	2.5	2.0	2.5	2.0	2.0	2.0	2.5
4	2.5	2.5	2.0	1.5	2.0	2.5	1.5	4.0	8.0	8.5	10.0	7.0	8.0	8.0	9.5	8.0	7.0	6.0	5.5	4.5	8.0	8.0	5.0	5.5	5.5	10.0
5	10.5	8.0	8.5	6.5	7.0	8.5	10.0	9.0	9.0	10.5	9.0	12.0	11.0	8.0	11.0	12.5	9.5	6.5	7.0	9.0	5.5	6.0	5.5	4.5	8.5	12.5
6	5.5	5.5	5.0	5.0	5.0	3.5	3.0	2.5	4.5	2.5	5.5	5.0	6.0	6.5	4.5	5.0	4.0	3.5	2.5	[RF]	[RF]	[RF]	[RF]	[RF]	4.5	6.5
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.5	6.0	6.5	6.0	4.5	3.0	2.0	1.5	2.5	1.0	2.5	1.5	3.5	6.5
8	2.5	2.0	2.0	1.0	2.0	2.0	2.0	1.5	1.5	3.0	5.5	5.0	4.0	2.0	2.5	5.0	4.5	4.5	3.5	4.0	2.5	1.5	1.0	2.5	3.0	5.5
9	2.5	1.5	1.5	1.0	2.0	1.0	2.0	3.0	2.5	2.5	2.0	4.0	6.0	6.5	5.5	2.5	4.0	7.5	7.0	7.5	8.5	5.5	2.0	2.5	4.0	8.5
10	2.0	2.0	2.5	1.5	2.5	1.5	2.0	2.5	1.5	2.0	4.5	3.5	4.0	5.5	9.0	4.0	2.5	1.5	2.5	2.5	2.0	2.0	2.0	1.5	3.0	9.0
11	2.0	2.5	2.0	2.0	1.5	2.0	2.0	2.5	1.0	2.0	3.5	4.5	4.5	5.0	5.5	5.0	4.5	3.5	2.5	2.5	1.5	1.0	.5	1.0	2.5	5.5
12	1.0	1.0	1.0	1.5	1.0	1.0	1.0	1.5	1.5	2.5	3.5	7.0	5.0	3.5	4.5	6.0	5.0	5.0	3.0	2.5	3.0	2.0	1.0	2.5	3.0	7.0
13	1.5	2.5	2.0	2.0	1.5	2.0	1.0	2.0	1.0	1.0	3.0	4.0	7.5	5.5	7.0	5.0	5.5	2.5	1.5	1.5	1.0	2.0	2.0	1.0	2.5	7.5
14	1.0	2.0	1.5	1.0	2.0	3.0	2.5	2.0	3.0	1.5	3.0	4.5	5.5	2.5	7.0	4.5	6.0	3.5	2.0	2.5	2.0	2.5	2.5	3.0	3.0	7.0
15	1.5	2.5	1.0	1.5	2.0	1.5	1.5	1.5	1.5	2.5	3.5	2.5	4.0	2.0	3.5	5.5	2.5	6.5	5.5	2.5	2.5	5.0	3.5	2.5	3.0	6.5
16	2.5	3.0	2.5	2.0	2.0	2.0	2.5	2.0	5.0	4.5	6.5	7.5	4.0	6.0	8.0	3.5	6.0	2.5	3.0	1.5	3.0	8.5	7.5	8.5	4.5	8.5
17	9.0	12.0	12.0	17.5	16.0	9.0	5.5	5.0	4.0	6.5	11.5	11.5	12.5	14.0	11.0	6.5	5.5	2.5	2.5	2.5	2.5	2.5	4.0	3.0	8.0	17.5
18	3.0	2.5	2.0	2.0	2.5	3.0	2.5	3.5	3.0	10.5	12.0	14.5	12.0	14.0	16.0	13.5	13.0	8.0	3.0	3.5	2.5	3.0	2.0	2.5	6.5	16.0
19	2.0	2.0	1.0	2.5	2.5	2.0	1.5	1.0	2.0	4.0	7.5	6.5	4.0	3.0	2.0	4.5	11.5	11.5	10.5	5.5	8.0	7.5	9.0	4.5	5.0	11.5
20	9.0	4.5	4.0	2.5	2.0	2.5	8.0	5.5	5.5	6.5	6.0	11.5	12.0	14.0	12.0	11.5	8.0	4.5	8.5	6.5	4.0	4.0	4.5	1.5	6.5	14.0
21	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.5	1.5	2.0	2.5	3.5	3.0	3.5	3.5	3.0	3.0	2.0	2.0	2.0	2.5	2.5	2.0	2.5	3.5
22	2.5	2.5	1.0	1.5	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.5	4.5	5.5	4.0	4.0	5.0	2.5	1.0	1.0	1.5	2.0	2.0	2.5	2.5	5.5
23	1.0	2.0	2.0	1.0	2.0	2.5	1.0	2.0	2.0	2.0	2.5	3.5	4.0	3.5	3.0	3.0	3.5	2.5	1.5	2.0	1.5	2.0	1.5	2.5	2.5	4.0
24	2.5	1.5	2.5	3.5	4.5	4.0	2.5	2.0	3.5	5.0	4.0	4.5	3.5	2.5	3.5	2.5	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.0	3.0	5.0
25	4.0	1.5	2.5	1.5	2.0	2.0	1.5	2.0	2.0	2.0	2.5	4.0	4.0	3.0	3.0	3.0	2.5	2.0	2.5	3.0	2.5	2.5	2.5	3.0	2.5	4.0
26	2.0	2.5	1.5	1.5	1.5	2.0	2.0	1.5	2.0	1.5	4.0	3.5	4.5	4.0	3.0	4.5	4.0	2.0	3.0	2.0	2.0	2.5	2.0	2.5	2.5	4.5
27	2.5	2.0	2.0	2.5	2.0	2.0	2.5	1.0	1.0	2.5	3.5	6.0	7.0	5.0	3.0	2.5	2.5	2.0	2.5	2.5	2.0	2.0	2.0	1.5	2.5	7.0
28	2.0	2.5	2.5	2.0	2.0	2.5	2.0	2.0	1.0	2.0	3.0	2.5	1.5	2.5	9.0	9.5	7.0	5.5	6.5	2.5	2.5	2.5	3.0	2.5	3.5	9.5
29	2.5	2.5	2.5	2.0	2.5	2.0	2.5	1.0	2.0	3.0	8.5	11.5	15.0	13.0	13.5	9.0	9.5	7.0	6.5	6.0	3.5	5.0	3.0	4.5	6.0	15.0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.0	3.0	2.5	2.5	3.0	2.5	2.5	2.5	2.5	3.5	5.0	5.5	6.0	5.5	6.0	5.5	5.5	4.0	3.5	3.0	3.0	3.5	3.0	3.0	4.0	[ ]
SD	2.4	2.2	2.3	3.1	2.8	1.8	2.0	1.7	2.0	2.6	3.0	3.4	3.4	3.7	3.7	3.0	2.8	2.4	2.3	1.9	2.0	2.1	1.9	1.5	1.7	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	10.0	12.5	10.5	8.5	8.0	4.5	2.5	9.0	12.0	14.5	15.5	13.5	24.5	22.5	20.0	19.5	15.5	17.0	12.5	2.5	2.5	3.0	2.5	11.0	24.5
2	2.0	4.5	3.5	4.5	2.5	2.0	2.5	1.5	4.0	6.0	6.5	4.5	5.0	4.0	8.0	4.5	2.5	6.0	3.5	3.0	1.5	3.5	4.0	3.0	4.0	8.0
3	2.0	2.0	1.5	1.5	1.0	1.0	1.0	.5	1.0	.5	1.0	1.0	2.5	2.5	5.5	6.5	6.0	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	6.5
4	2.5	1.0	1.5	2.0	1.5	1.0	1.0	1.5	1.0	1.0	2.0	5.5	6.5	5.0	5.5	6.5	6.0	2.5	2.5	2.5	2.5	2.5	2.0	2.0	3.0	6.5
5	2.5	1.0	1.5	2.0	1.5	1.0	1.0	1.5	1.0	1.0	2.0	5.5	2.5	2.0	2.5	3.0	3.0	2.5	3.5	2.5	2.5	2.5	3.0	3.5	2.5	5.5
6	4.0	2.5	3.0	2.5	2.0	2.5	2.0	1.5	1.5	2.5	1.0	3.0	4.5	4.0	3.0	3.0	2.5	2.0	3.0	3.0	3.0	2.5	3.0	3.0	2.5	4.5
7	2.5	2.5	2.5	2.5	2.5	2.0	2.0	1.0	1.0	1.0	2.0	1.5	4.5	3.5	2.5	3.5	2.5	2.0	2.0	2.5	2.5	2.5	3.0	2.0	2.5	4.5
8	2.0	2.5	2.5	3.0	2.5	2.0	1.5	1.0	1.0	2.0	2.0	2.5	2.5	3.0	2.5	3.5	2.5	2.0	2.0	2.5	2.5	2.5	3.0	2.0	2.5	3.5
9	2.0	2.5	2.5	3.0	2.5	2.0	1.5	1.0	1.0	2.0	2.0	2.5	2.5	3.0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.0	3.0
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	9.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	14.0	12.5	15.5	12.0	9.5	11.0	9.0	3.0	2.0	2.0	2.0	2.5	8.0	15.5
24	3.0	2.5	2.5	2.5	2.5	1.5	2.0	1.5	1.5	2.5	5.0	6.0	5.5	9.5	12.5	11.5	10.0	7.5	4.5	4.0	11.0	8.5	13.0	12.0	6.0	13.0
25	10.0	11.5	11.5	11.0	10.0	8.5	9.0	13.5	14.5	14.0	8.0	6.0	5.0	7.5	12.0	10.0	9.0	5.0	4.0	2.5	2.5	2.5	2.5	3.0	8.0	14.5
26	3.5	2.5	2.5	2.5	2.5	3.0	2.5	1.5	2.5	3.5	5.5	6.0	4.0	5.0	5.0	4.5	5.5	9.5	5.5	6.5	4.5	2.5	3.0	3.0	4.0	9.5
27	3.0	2.5	3.5	2.5	1.5	2.0	1.5	1.5	2.0	2.5	11.5	8.5	10.5	14.0	13.5	15.0	13.5	14.0	14.0	4.5	4.5	1.5	6.0	6.0	6.5	15.0
28	6.0	4.0	8.0	4.0	3.5	2.5	3.0	3.0	3.0	4.0	5.0	7.0	7.5	7.5	6.5	7.0	7.0	9.0	6.0	4.5	3.0	2.5	2.5	1.5	5.0	9.0
29	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.0	2.5	3.0	7.0	7.0	7.5	8.0	7.0	6.5	8.0	11.0	6.5	4.5	6.5	4.5	3.0	2.5	5.0	11.0
30	2.5	2.5	2.0	2.5	2.5	3.5	2.5	2.5	2.0	2.5	5.0	6.0	6.5	4.0	5.0	5.0	3.5	3.5	3.0	2.0	2.5	2.5	3.5	3.5	3.5	6.5
31	2.5	2.5	2.5	2.5	2.0	1.5	2.0	1.0	2.0	3.5	4.5	5.5	6.0	6.0	4.0	5.0	4.0	7.0	5.5	5.0	3.0	2.5	3.0	2.5	3.5	7.0
AV	3.5	3.5	4.0	3.5	3.0	2.5	2.5	2.5	3.0	3.5	5.0	5.5	6.0	7.0	8.0	7.5	6.5	6.5	5.5	4.0	3.5	3.0	3.5	3.5	4.5	[ ]
SD	2.4	2.8	3.3	2.7	2.4	2.1	1.8	2.9	3.4	3.6	3.6	3.2	3.4	5.4	5.4	4.6	4.5	4.3	4.1	2.4	2.2	1.5	2.5	2.4	2.5	[ ]

OUTPT [VERSION N 26 APR 76]

3

WIND SPEED ● 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	2.5	2.5	3.5	3.0	3.0	1.5	2.0	2.5	6.0	13.5	14.0	16.0	16.5	17.0	19.0	20.5	14.0	7.0	6.0	5.5	5.5	6.0	5.0	8.0	20.5
2	2.5	4.0	4.0	2.5	3.0	3.5	2.5	1.5	2.0	3.5	3.5	4.0	4.0	7.5	7.0	6.5	4.5	5.5	2.5	3.5	2.5	2.5	12.5	2.5	4.0	12.5
3	1.0	2.0	2.5	2.5	2.5	2.5	2.0	2.5	2.0	3.0	4.0	5.0	6.0	5.0	5.5	7.5	6.5	4.5	4.0	2.0	1.5	2.5	2.5	2.5	3.5	7.5
4	1.5	2.5	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.0	4.0	5.5	6.0	5.5	4.5	8.5	8.0	3.0	3.0	3.5	2.5	2.0	2.0	2.5	3.5	8.5
5	2.0	2.0	2.0	2.5	2.5	2.5	2.0	2.0	2.5	3.0	3.0	3.5	8.0	10.5	12.5	16.0	8.5	6.5	11.0	3.0	4.5	5.0	8.0	8.0	5.5	16.0
6	6.0	4.0	4.0	6.0	5.5	3.5	5.0	4.0	7.5	11.5	11.0	10.5	11.5	13.0	13.0	12.5	25.5	9.5	7.0	7.5	5.0	4.5	4.0	5.0	8.0	25.5
7	4.0	3.0	4.0	2.5	3.5	2.5	2.0	5.0	5.0	5.5	5.0	5.0	11.5	8.5	9.0	8.5	10.0	10.5	9.5	5.0	5.5	3.0	2.5	2.0	5.5	11.5
8	1.0	2.0	2.5	3.0	2.5	2.5	1.5	1.0	2.5	2.5	4.0	3.5	4.0	5.0	8.0	5.0	9.0	8.0	5.5	3.5	3.0	1.5	2.0	1.5	3.5	9.0
9	2.5	2.5	2.0	2.0	2.5	2.5	2.0	2.5	7.0	10.0	12.5	11.5	11.0	11.0	10.5	11.5	9.5	13.5	8.5	9.5	3.5	1.5	3.0	2.0	6.5	13.5
10	2.5	2.0	2.5	2.0	2.5	1.0	1.5	1.5	2.5	3.5	4.5	4.5	4.5	4.5	4.5	4.0	6.5	6.5	4.0	2.0	2.5	2.5	4.0	2.5	3.5	6.5
11	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.5	1.5	2.5	4.0	4.0	3.5	9.5	13.0	11.5	14.0	11.5	7.0	3.0	3.5	4.0	2.5	2.0	5.0	14.0
12	3.5	2.5	2.0	2.0	2.5	3.0	3.0	2.0	3.0	13.0	12.5	13.5	14.5	12.5	10.5	17.0	37.5	14.5	10.0	7.5	5.0	3.5	7.5	4.5	8.5	37.5
13	3.0	4.0	5.0	3.5	2.0	2.5	5.5	5.0	14.0	15.5	13.0	13.5	13.0	15.0	13.5	10.5	10.0	5.5	10.5	3.5	2.0	3.0	3.0	2.0	7.5	15.5
14	3.0	2.5	2.0	1.5	2.0	1.5	1.0	2.0	3.5	4.5	7.0	10.5	9.5	8.0	9.0	8.5	8.0	4.0	6.5	6.5	5.0	3.0	3.0	2.5	5.0	10.5
15	3.5	5.0	7.0	3.0	1.5	6.0	4.5	9.0	12.0	13.0	14.0	12.5	14.5	14.5	13.0	15.0	13.5	11.0	12.5	10.5	5.5	3.5	3.0	2.5	9.0	15.0
16	1.5	2.0	1.5	2.5	2.5	3.0	2.0	2.5	6.0	5.5	9.0	9.5	9.0	9.5	8.5	8.5	28.0	13.5	6.0	5.5	3.0	3.5	3.5	4.5	6.5	28.0
17	5.0	2.5	1.5	2.5	3.0	2.5	5.0	3.0	3.5	2.0	2.0	4.0	7.0	8.0	6.0	5.5	7.0	4.5	7.5	4.0	2.5	5.0	3.5	7.0	4.5	8.0
18	5.5	2.5	1.5	1.5	2.5	2.5	2.5	2.0	3.0	4.0	5.0	5.0	8.0	10.5	8.0	7.5	8.5	3.5	10.0	6.5	7.5	5.0	6.0	2.5	5.0	10.5
19	2.5	1.5	1.5	2.0	2.0	2.5	1.0	2.0	3.5	5.0	5.0	4.5	4.5	4.0	4.5	3.5	2.5	3.0	2.0	6.5	3.0	5.0	5.5	2.5	3.5	6.5
20	2.5	2.5	1.5	1.5	2.5	2.5	1.5	1.5	2.5	3.0	5.5	8.0	7.0	7.5	4.0	4.5	4.0	6.0	7.0	5.0	3.5	4.0	3.5	2.5	4.0	8.0
21	2.0	5.0	4.5	4.5	4.0	2.5	2.5	2.5	2.5	5.0	9.0	12.5	9.0	14.0	12.0	12.0	8.0	8.5	8.0	3.5	3.5	2.5	3.0	2.5	6.0	14.0
22	2.5	4.0	1.5	1.5	2.0	2.5	2.5	6.0	9.0	13.5	14.5	15.0	15.5	15.0	6.0	3.5	8.0	6.0	8.5	4.5	6.0	14.5	9.5	6.0	7.5	15.5
23	3.5	5.5	8.5	6.5	7.0	7.5	8.5	10.5	10.5	11.5	12.5	16.5	18.0	15.5	15.5	15.0	11.5	11.0	10.0	7.5	3.5	2.5	2.5	3.0	9.5	18.0
24	2.5	2.0	2.0	2.5	2.0	2.5	1.5	2.0	2.5	3.0	4.5	5.0	4.5	5.5	5.5	5.5	3.0	2.5	2.5	2.5	3.5	2.0	3.5	6.0	3.5	6.0
25	2.5	2.0	1.5	2.5	2.5	3.0	1.5	1.5	3.5	10.0	9.5	6.5	9.5	20.0	17.0	21.0	24.0	12.5	6.0	4.5	6.0	2.5	1.5	3.0	7.5	24.0
26	9.0	6.5	5.5	7.5	5.5	9.5	8.0	7.5	5.0	5.0	7.5	8.0	7.0	8.0	8.5	6.5	7.0	11.5	4.5	4.0	2.5	2.0	2.5	2.0	6.5	11.5
27	3.0	3.0	2.5	2.5	4.0	1.5	2.5	3.0	3.5	3.0	3.5	6.0	6.0	6.0	6.0	6.0	6.0	7.5	6.5	3.0	1.5	2.5	3.0	3.0	4.0	7.5
28	3.0	2.0	3.0	3.0	3.0	2.5	1.5	2.0	2.0	3.5	5.0	6.5	7.5	7.0	5.0	5.5	5.5	5.5	5.5	3.5	2.5	2.5	2.0	2.5	4.0	7.5
29	2.5	2.5	2.0	2.0	2.0	2.0	1.5	2.0	2.5	4.0	4.5	5.5	6.5	7.5	7.0	7.5	17.0	12.0	11.0	6.0	6.0	2.5	9.0	4.5	5.5	17.0
30	3.0	2.0	1.5	3.0	2.0	1.5	3.0	7.5	10.0	10.0	12.0	12.5	10.0	10.0	10.5	8.5	10.0	9.5	7.0	6.0	2.5	2.5	2.5	2.0	6.0	12.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	4.5	6.0	7.5	8.0	9.0	10.0	9.0	9.5	11.5	8.0	7.0	5.0	4.0	3.5	4.0	3.5	5.5	[ ]
SD	1.6	1.2	1.7	1.4	1.2	1.7	1.9	2.4	3.3	4.0	3.9	4.0	3.9	4.0	3.8	4.6	8.0	3.7	2.7	2.1	1.5	2.3	2.6	1.6	1.8	[ ]

OUTPT (VERSION N 26 APR 76)

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	15	40	10	20	30	35	35	20	85	130	125	220	300	255	275	280	250	300	350	0	350	15	40	30	2	
2	20	10	30	10	40	40	45	50	60	80	50	330	310	275	310	275	275	340	355	35	35	330	25	50	3	
3	35	30	25	15	45	45	15	45	125	85	85	355	275	10	210	300	240	330	315	330	230	175	50	325	2	
4	50	0	355	330	125	345	265	255	160	180	165	205	175	170	155	165	165	130	140	175	180	200	190	180	8	
5	180	185	195	200	100	105	120	105	95	85	70	75	60	65	55	45	55	60	65	55	75	85	90	115	[VA]	
6	75	65	60	70	85	90	110	110	90	60	335	270	270	265	255	275	290	290	30	[RF]	[RF]	[RF]	[RF]	[RF]	4	
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	255	270	275	275	285	300	270	240	270	95	350	335	13	
8	20	290	350	355	340	155	40	350	305	265	280	275	255	320	285	275	275	285	290	280	325	265	260	285	14	
9	285	245	185	200	310	210	225	295	295	260	330	285	275	275	275	330	265	330	195	195	245	330	15	60	13	
10	55	45	40	85	70	25	10	45	55	210	320	325	310	295	265	250	255	320	320	0	345	30	45	50	3	
11	30	105	30	30	335	355	35	65	160	75	270	270	255	255	250	255	260	265	265	355	15	295	290	325	13	
12	310	300	5	10	325	285	15	285	30	210	270	290	255	250	265	275	270	275	265	355	315	260	340	45	14	
13	330	310	60	10	340	280	115	355	220	0	275	270	270	270	265	280	275	5	290	270	265	50	15	280	13	
14	190	135	95	120	355	35	130	340	295	250	275	270	250	105	275	170	325	50	35	5	45	20	50	90	[VA]	
15	50	50	25	340	15	90	5	325	340	315	305	330	215	335	270	280	260	295	255	35	45	235	270	5	16	
16	25	100	350	340	245	335	30	65	205	235	265	285	255	315	280	305	250	90	15	345	270	210	215	235	13	
17	220	255	240	265	270	290	295	330	270	275	285	285	275	280	275	240	255	200	350	25	340	25	215	250	13	
18	350	65	30	90	100	0	90	25	10	285	265	270	230	270	275	260	260	270	335	0	345	0	45	45	1	
19	65	55	340	45	60	60	165	35	15	305	280	270	240	330	0	250	275	260	260	245	265	265	285	305	13	
20	285	285	270	320	110	290	300	310	315	315	315	40	35	30	35	35	30	45	45	35	10	85	95	120	[VA]	
21	15	15	10	0	20	10	20	65	120	85	85	80	15	70	65	10	40	30	255	305	325	5	15	45	2	
22	350	20	5	50	15	10	20	65	135	120	35	280	235	240	260	295	265	260	20	310	330	300	30	30	2	
23	315	15	15	15	15	25	30	70	45	65	260	260	210	200	250	190	265	260	330	345	350	25	350	335	2	
24	345	55	145	15	35	20	70	30	280	260	295	305	40	85	55	30	290	275	315	5	10	15	50	50	2	
25	40	35	35	20	10	70	75	100	290	40	300	255	255	190	270	210	240	295	25	50	15	40	20	50	3	
26	30	20	65	125	40	45	40	10	145	95	245	260	220	215	245	275	260	285	5	15	350	60	40	35	3	
27	60	15	70	55	50	45	30	90	85	345	265	290	255	240	225	210	245	285	355	325	10	85	45	65	3	
28	20	45	30	85	65	50	45	80	60	350	270	45	5	250	230	225	220	205	190	310	25	325	90	40	3	
29	30	70	25	35	70	65	65	5	115	5	205	205	180	180	190	195	195	185	205	230	235	210	300	310	10	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	3	3	2	2	3	3	3	[VA]	5	5	13	14	12	[VA]	12	13	13	14	[VA]	1	[VA]	2	2	3	3	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	0	95	185	180	195	205	255	65	185	195	195	210	185	185	200	200	200	190	265	275	215	200	225	290	10	
2	320	55	70	50	45	230	80	50	25	40	50	35	280	240	270	245	290	270	330	245	10	30	15	15	[VA]	
3	25	345	10	30	25	0	30	35	50	15	10	30	315	335	220	315	275	150	45	220	70	350	300	285	2	
4	215	65	140	60	35	55	25	90	20	55	35	35	40	80	50	85	100	65	50	20	25	35	20	30	3	
5	25	5	20	15	15	30	25	25	40	50	45	55	25	30	45	85	100	65	50	20	25	35	20	30	[VA]	
6	25	5	20	15	15	30	25	25	40	50	45	55	25	30	45	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2	
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	20	25	315	220	290	275	270	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	13	
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	150	330	220	205	290	275	270	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	13	
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	150	330	220	205	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	11	
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
23	285	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	265	260	275	265	240	305	305	75	40	20	350	100	13	
24	30	25	35	25	65	350	45	110	160	335	265	270	285	235	230	225	220	210	195	165	205	210	200	195	[VA]	
25	205	205	205	205	200	250	295	290	290	290	340	195	115	80	65	90	80	215	40	150	320	285	0	10	10	
26	55	25	15	30	10	15	20	100	95	350	355	335	265	325	310	235	210	185	180	155	105	45	40	100	2	
27	315	130	135	175	95	345	40	190	90	250	240	295	275	205	235	235	270	300	285	235	150	120	340	285	14	
28	250	295	255	275	155	180	120	330	190	240	55	265	245	305	290	330	315	325	25	30	85	20	40	55	15	
29	15	50	355	10	15	30	35	105	0	290	300	305	40	40	30	335	295	345	25	315	295	25	285	300	2	
30	320	305	300	340	15	15	40	75	85	250	265	275	300	320	310	285	35	75	45	10	10	20	20	35	3	
31	25	20	25	25	10	345	55	140	95	330	240	275	350	315	290	250	340	185	205	205	75	15	25	30	2	
PV	2	2	2	2	2	2	[VA]	5	3	3	3	3	13	10	14	[VA]	13	9	3	2	2	2	2	2	2	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	15	25	30	20	25	25	35	115	95	15	160	195	190	190	200	210	210	215	210	200	205	340	350	260	10	
2	115	10	5	30	15	20	15	295	85	350	55	10	260	290	285	305	330	290	20	355	20	35	35	355	2	
3	325	355	15	45	15	40	60	65	120	255	310	260	255	305	305	280	290	300	25	320	330	0	25	335	15	
4	30	30	335	5	60	50	40	135	10	140	275	290	320	25	195	275	175	150	25	30	355	90	340	65	[VA]	
5	25	305	25	0	30	65	100	240	235	240	130	55	195	90	110	190	205	125	190	20	175	180	160	160	9	
6	160	95	130	0	205	305	205	215	210	235	245	245	225	225	215	225	260	250	225	240	215	220	210	210	11	
7	240	220	220	355	35	15	60	210	235	250	260	255	225	75	45	45	70	55	55	70	70	90	320	310	[VA]	
8	260	250	25	340	335	30	10	145	100	350	240	300	305	310	45	65	100	160	175	105	55	330	55	210	16	
9	10	65	105	30	90	40	50	165	280	295	250	230	240	260	265	275	270	280	295	285	265	225	310	15	13	
10	60	65	20	335	320	340	305	55	25	265	295	45	225	215	310	50	45	35	40	15	310	325	25	50	3	
11	5	355	15	15	10	25	30	115	95	350	325	230	35	75	175	180	180	180	175	215	35	10	45	355	1	
12	25	25	35	10	85	355	60	70	30	170	175	175	195	210	140	120	135	155	160	160	165	70	175	210	9	
13	290	0	155	150	300	135	140	175	175	195	200	200	205	205	180	195	295	275	195	130	5	15	45	295	10	
14	90	340	5	5	70	20	85	195	70	90	195	175	175	260	320	60	295	290	235	130	165	20	350	65	[VA]	
15	165	105	160	10	340	220	210	195	190	190	190	185	195	200	190	210	215	215	280	295	290	5	75	85	10	
16	75	200	315	135	125	115	140	60	315	265	250	250	240	255	270	275	200	190	195	195	85	30	50	85	12	
17	5	215	240	240	275	275	285	265	250	230	0	95	50	25	35	75	75	105	100	105	90	265	270	180	12	
18	125	85	5	40	70	70	90	335	65	40	335	55	125	135	145	165	155	215	285	220	170	150	85	55	[VA]	
19	60	140	175	10	290	195	170	100	130	160	250	125	70	70	35	215	125	175	195	35	325	280	280	155	9	
20	30	355	15	15	315	340	15	5	30	10	230	335	255	290	5	320	270	245	215	195	255	145	10	20	1	
21	30	260	5	25	10	30	60	325	225	290	260	275	255	265	285	255	245	290	295	270	50	20	335	330	13	
22	85	30	95	35	120	50	75	180	180	205	230	230	230	280	355	110	235	225	205	175	190	285	280	270	11	
23	225	260	265	300	295	275	270	260	260	260	280	295	275	270	270	265	280	290	15	25	0	355	330	330	[VA]	
24	30	60	10	30	20	15	15	135	260	320	270	310	350	10	330	55	285	335	355	0	65	20	25	50	[VA]	
25	15	95	30	35	10	55	115	50	300	295	290	300	180	175	185	255	295	290	195	155	145	65	25	255	14	
26	270	270	315	180	195	195	215	180	220	165	165	235	220	215	260	15	340	275	5	50	0	340	30	185	11	
27	310	70	275	265	260	245	100	170	230	65	350	345	195	340	310	20	50	295	295	60	330	45	25	15	[VA]	
28	15	45	10	20	25	10	25	80	330	305	250	240	265	295	320	295	300	285	40	85	25	335	40	145	2	
29	35	315	295	25	15	25	10	285	50	75	120	335	325	260	290	265	20	25	60	70	85	40	85	75	[VA]	
30	60	65	55	25	115	275	355	75	65	55	55	50	40	50	55	30	35	55	55	60	285	30	35	35	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	2	1	2	2	2	[VA]	4	[VA]	5	14	[VA]	12	11	14	15	13	13	14	10	2	1	2	2	3	2	

```
      TEMPERATURE
      (DEGREES C.)
                                                      WHITE RIVER SHALE PROJECT,UTAH     *********************
                                                                                         *                   *
                                                      SITE A 10                          *  PRELIMINARY DATA *
                                                                                         *  AS OF 01/JUL/76  *
                                                      FEBRUARY,1976                      *                   *
                                                                                         *********************
                                                      AEROVIRONMENT INC.                 *                   *
                                                                                         *    SUBJECT TO     *
                                                                                         *     REVISION      *
                                                                                         *                   *
                                                                                         *********************

                                      CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                                P
 A                                                                                                                E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                                K

 1  -11  -13  -14  -14  -15  -15  -15  -16  -14   -7    0    3    3    3    3    2    2   -1   -5   -5   -6   -8   -9   -9   -7    3
 2  -12  -13  -13  -14  -14  -14  -14  -14  -11   -5   -1    0    1    1    2   -1   -3   -2   -5   -8   -9   -8   -9  -10   -7    2
 3  -12  -13  -14  -14  -15  -16  -14  -14  -11   -6   -6   -3   -3    0    1    1    0   -2   -6   -5   -7   -8  -10  -11   -8    1
 4  -12  -12  -12  -13  -13  -14  -14   -7    6    8    7    8    6    8    9   10    7    6    6    8    7    8    7    6    1   10
 5    5    5    4    5   -1   -6   -6   -6   -6   -5   -5   -5   -4   -3   -3   -5   -7   -7   -7   -8  -10  -10  -10  -10   -4    5
 6  -10  -11  -11  -10  -10  -11  -11  -11  -10   -8   -3   -4   -7   -6   -6   -5   -6   -8   -9 [RF] [RF] [RF] [RF] [RF]   -8   -3
 7 [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF] [RF]   -7   -6   -5   -6   -7   -9  -10   -9  -10   -9   -9   -8   -8   -5
 8  -10  -11  -10  -10  -11  -11   -9   -9   -8   -6   -5   -4   -3   -1   -1   -3   -3   -4   -4   -4   -3   -4   -3   -3   -6   -1
 9   -4   -3   -4   -3   -3   -3   -2   -2   -1    0    2    2    0    1    2    4    3    4    7    7    5   -1   -3   -3    0    7
10   -3   -3   -2   -2   -2   -2   -2   -2    0    5    6    9    7    7    7    8    8    3    1   -1   -2   -3   -3   -4    1    9
11   -5   -5   -5   -5   -8   -8   -7   -7   -4    1    0    2    1    3    3    4    4    1   -1   -2   -2   -3   -4   -5   -2    4
12   -8   -7   -7   -9   -6   -7   -8   -8   -5   -1    0   -1   -1    1    3    3    3    0   -2   -1    0   -1   -2   -3   -3    3
13   -6   -6   -5   -5   -7   -6   -6   -9   -5    0    2    3    4    4    4    5    5    3    0   -2   -4   -3   -2   -3   -2    5
14   -5   -5   -4   -3   -3   -4   -4   -3   -1    2    3    3    3    7    6   -1    2    1    1    1   -2   -2   -4   -3   -1    7
15   -3   -4   -5   -7   -6   -5   -5   -5   -2    2    3    5    4    7    5    5    6    4    3    1    1    2    2    1    0    7
16   -3   -3   -3   -4   -5   -5   -6   -5   -1    2    3    3    3    5    5    3    3    2    2    2    2    5    5    3    1    5
17    0   -2   -1    1    1   -1   -3   -4   -2   -1    1    3    3    4    3    3    6    3    2    1    1    2    2    4    1    6
18    2   -1   -2   -1   -4   -3   -3   -2    3    4    6    8    7    7    7    6    6    5    4    2    0    0   -1   -3    2    8
19   -4   -4   -5   -6   -5   -7   -6   -5   -1    3    3    4    6    9   11    9    2    1    0    1    1    1   -1   -3    0   11
20   -3   -4   -3   -3   -3   -4   -4   -2   -2   -2    2    3    2    1    2    1    1    0   -2   -3   -3   -5   -8   -8   -2    3
21  -11  -13  -13  -13  -13  -14  -15  -15  -10   -3    2    3    2    5    6    5    4    0   -6   -7   -7   -9  -10  -10   -6    6
22  -12  -12  -13  -14  -15  -14  -14  -13   -9   -3    1    3    2    2    2    3    3    1   -3   -4   -6   -7   -7   -8   -6    3
23  -11  -10  -11  -12  -12  -13  -13  -10   -4    0    1    1    0    2    3    4    2   -1   -3   -4   -4   -5   -3   -4   -4    4
24   -4   -4   -5   -4   -4   -2   -1   -4   -3    1    2    3    2    6    8   10   11    7    4    1   -2   -3   -3   -5    0   11
25   -7   -6   -5   -6   -8   -7   -7   -6   -3    2    5    5    6   10   11   12   12    8    6    5    4    2    0    0    1   12
26   -5   -5   -3   -3   -4   -5   -6   -6   -1    4    6    9    8    8   11   11   10    8    5    3    1   -1    1   -1    2   11
27   -2   -3   -3   -3   -3   -4   -4   -4    0    5    6    8    8    9   10   12   14   11    5    3    2    0   -1    0    3   14
28   -2   -3   -4   -5   -5   -4   -4   -5    0    4    7    8    8   12   18   19   17   15   12    8    5    7    6    4    5   19
29    2    1    1    0   -2   -1    0    0    2    9   17   20   17   17   17   15   17   16   14   15   14   12   13   13   10   20
30 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

AV   -6   -6   -6   -6   -7   -7   -7   -7   -4    0    2    4    3    4    5    5    4    2    0    0   -1   -2   -2   -3   -2 [  ]
SD    5    5    5    5    5    5    5    4    5    4    4    5    5    5    5    6    6    6    6    5    5    5    6    5    4 [  ]

OUTPT  [VERSION N   26 APR 76]
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TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	9	9	9	9	9	11	14	14	15	13	14	14	13	12	11	8	2	1	0	1	-1	9	15
2	-3	-2	-1	-1	-1	-2	-3	-3	-2	-1	0	1	1	1	0	-1	-2	-3	-3	-4	-4	-6	-7	-8	-2	1
3	-9	-13	-16	-16	-17	-17	-17	-16	-11	-7	-1	0	-1	-1	0	-2	-4	-4	-3	-4	-6	-6	-3	-5	-7	0
4	-7	-6	-6	-7	-6	-5	-5	-3	-1	4	6	-1	-2	1	3	2	-1	-4	-6	-6	-5	-6	-5	-8	-3	6
5	-11	-12	-12	-12	-14	-15	-16	-15	-9	-4	0	0	-1	0	3	-3	-5	-6	-9	-11	-11	-13	-15	-16	-9	3
6	-17	-16	-14	-15	-15	-14	-14	-13	-7	-1	1	1	0	0	1	-1	-2	-5	-8	-9	-10	-11	-12	-12	-8	1
7	-16	-15	-16	-15	-15	-16	-15	-11	-4	2	5	8	-1	1	2	-1	-3	-5	-7	-8	-7	-8	-8	-10	-7	8
8	-12	-11	-13	-14	-13	-13	-16	-13	-4	3	5	6	5	7	2	3	3	0	-4	-5	-6	-6	-7	-7	-5	7
9	-6	-6	-4	-5	-5	-6	-6	-6	-3	3	6	4	6	7	6	6	8	3	0	-1	-4	-5	-4	-7	-1	8
10	-6	-6	-6	-6	-6	-6	-7	-7	-2	3	3	3	5	7	7	8	9	6	2	0	-2	-2	-2	-2	0	9
11	-1	-1	-2	-3	-2	-2	-2	0	1	4	6	6	2	0	1	2	1	-1	-1	-4	-4	-4	-5	-6	-1	6
12	-3	-3	-4	-7	-6	-5	-5	-6	-5	-4	-5	-3	0	-1	0	0	-2	-3	-4	-7	-7	-6	-6	-7	-4	0
13	-6	-6	-7	-7	-7	-7	-7	-7	-5	-3	0	1	0	0	2	3	0	0	-2	-3	-2	-3	-3	-3	-3	3
14	-3	-2	-2	-3	-5	-3	-3	-2	1	3	5	5	5	7	7	8	6	5	5	4	1	1	0	-2	2	8
15	-4	-4	-4	-5	-4	-5	-3	0	2	3	5	5	6	8	9	9	10	7	3	2	1	0	-2	-1	2	10
16	-4	-4	-4	-5	-4	-3	-5	-4	2	5	7	9	9	8	11	13	11	10	7	4	4	3	3	1	3	13
17	0	0	-2	-2	-1	-1	-1	1	2	5	9	11	12	12	12	12	12	12	11	9	7	5	3	2	5	12
18	1	-1	-2	-1	-1	-1	-1	5	9	5	9	11	12	12	12	12	12	12	11	9	7	5	3	12	6	12
19	13	10	9	11	7	5	2	3	3	3	2	2	1	1	2	3	3	3	1	1	-1	-1	-2	-1	3	13
20	-4	-2	-3	-3	-3	-4	-4	-3	-3	1	3	4	5	7	7	7	7	6	5	3	1	0	-2	-2	1	7
21	-1	2	-1	-2	-3	-4	-2	6	7	7	7	9	12	12	11	11	12	12	8	7	4	1	-1	-1	5	12
22	-3	-4	-5	-6	-5	-6	-6	-1	3	7	8	9	12	12	11	11	12	12	8	8	9	8	5	3	4	12
23	2	1	2	4	5	2	0	4	11	13	13	14	20	20	19	20	20	17	15	12	9	9	9	7	10	20
24	3	2	2	0	0	-1	1	4	9	14	15	17	16	18	20	21	21	21	19	15	14	16	17	16	12	21
25	17	17	17	17	16	15	12	10	9	8	6	5	3	4	3	3	1	0	0	0	-1	-1	-3	-3	6	17
26	-3	-2	-4	-5	-6	-6	-6	-2	4	7	6	7	9	11	12	13	13	12	10	8	5	5	3	2	4	13
27	5	4	4	2	0	0	0	2	7	10	14	13	13	15	14	13	11	8	5	2	2	2	2	2	6	15
28	2	2	1	-1	-2	-3	-3	0	3	6	7	6	7	8	9	9	9	8	8	7	5	4	3	2	4	9
29	-3	-2	-2	-5	-7	-7	-5	-2	1	5	6	6	5	6	7	7	6	4	3	2	1	2	1	-1	1	7
30	2	2	0	1	-1	-3	-3	1	5	6	8	8	8	11	12	13	13	13	11	7	4	3	3	2	5	13
31	-1	-3	-3	-3	-3	-5	-5	-1	4	9	13	14	14	16	19	18	19	18	14	12	10	7	4	1	7	19
AV	-2	-2	-3	-3	-4	-4	-4	-2	1	4	6	6	6	7	8	7	7	5	3	2	0	0	-1	-2	2	[ ]
SD	7	7	7	7	7	7	6	6	6	5	5	5	6	6	6	6	7	7	7	7	6	6	6	6	5	[ ]

OUTPT [VERSION N 26 APR 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1	1	0	-3	-5	-4	-2	2	7	14	18	18	21	21	22	24	22	22	19	18	16	12	10	10	11	24
2	7	5	3	2	-1	-4	-3	2	7	10	13	16	18	17	17	17	19	18	14	10	7	5	3	2	9	19
3	1	-1	-1	-1	-3	-3	-2	4	7	11	14	16	18	20	22	22	21	21	18	13	9	8	6	4	9	22
4	3	3	2	2	2	0	0	7	14	17	17	19	20	23	21	19	18	18	15	11	10	7	8	5	11	23
5	6	5	3	2	2	2	3	3	6	10	15	16	16	18	19	13	9	7	7	5	5	6	4	3	8	19
6	3	3	3	3	3	3	3	5	7	9	10	10	10	10	11	10	9	7	7	7	6	6	6	6	7	11
7	9	10	9	7	6	4	5	8	10	13	15	15	10	15	16	13	14	14	13	10	9	8	8	6	10	16
8	5	5	4	3	1	0	0	4	9	11	13	17	18	20	19	19	20	20	20	16	14	11	9	8	11	20
9	7	6	4	3	4	3	5	9	12	14	16	18	19	20	20	20	19	19	18	16	14	9	8	8	12	20
10	4	2	2	0	-1	-3	-3	3	9	11	14	17	19	19	20	20	20	20	17	14	13	9	6	6	10	20
11	5	2	1	2	1	1	1	4	9	14	17	20	23	25	28	28	26	27	24	20	16	14	11	8	14	28
12	7	7	6	5	3	4	3	9	16	20	22	21	20	20	21	19	16	15	16	16	14	14	14	14	13	22
13	11	11	12	12	10	9	11	13	13	11	12	15	15	15	16	17	15	12	11	8	5	6	5	5	11	17
14	5	6	6	5	6	5	6	9	13	13	13	13	13	13	11	11	11	10	9	7	5	3	2	3	8	13
15	5	6	5	6	6	6	6	7	8	11	11	11	13	14	13	13	14	14	8	5	4	5	4	5	8	14
16	5	4	4	3	4	3	2	3	6	9	10	9	10	11	14	13	9	6	5	3	3	6	4	4	6	14
17	5	4	4	5	4	4	4	6	5	6	7	8	9	9	11	12	13	12	10	7	6	6	6	4	7	13
18	5	4	3	2	3	3	4	7	8	10	11	10	11	7	9	10	10	8	6	3	3	3	2	2	6	11
19	2	3	3	3	3	3	5	6	8	10	9	9	11	14	16	16	15	15	15	13	12	11	7	6	9	16
20	6	3	2	2	1	1	2	5	9	13	14	15	15	15	16	18	19	18	18	15	13	12	11	9	11	19
21	8	9	11	7	6	6	6	10	17	20	19	20	21	22	22	22	22	23	21	19	17	15	13	11	15	23
22	11	9	5	5	5	5	5	10	19	23	23	22	22	21	17	19	20	20	19	19	20	16	15	15	15	23
23	15	13	12	13	12	11	10	11	13	13	14	16	17	18	18	17	15	18	19	16	14	10	8	6	14	19
24	4	4	3	0	1	2	3	7	10	13	16	19	19	20	22	23	23	23	22	16	13	13	11	8	12	23
25	6	7	7	8	6	5	6	13	16	18	18	19	20	22	24	18	10	7	7	7	6	5	4	4	11	24
26	5	4	4	3	2	2	2	2	2	2	3	4	4	6	8	8	8	4	3	3	1	1	1	1	3	8
27	2	3	1	1	0	0	0	3	5	8	10	9	11	13	13	14	14	12	11	9	7	5	5	3	7	14
28	3	0	-1	-1	-2	-3	-1	4	8	11	13	14	17	17	18	19	19	20	18	15	12	11	11	10	10	20
29	8	8	7	6	5	2	4	9	14	15	18	19	19	19	21	22	19	18	17	17	13	11	11	12	13	22
30	9	8	9	7	6	6	8	10	11	15	14	14	15	15	16	16	17	17	17	15	12	8	6	5	11	17
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6	5	4	4	3	2	3	7	10	13	14	15	16	17	17	17	16	16	14	12	10	9	7	6	10	[ ]
SD	3	3	3	4	4	4	3	3	4	4	4	4	5	5	5	5	5	6	6	5	5	4	4	3	3	[ ]

OUTPT (VERSION N 26 APR 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	3.5	3.5	2.5	3.0	4.0	4.5	3.5	4.5	2.5	3.0	4.0	4.5	6.0	5.0	4.5	2.5	4.5	4.0	2.0	2.5	3.5	4.5	3.5	4.0	6.0
2	4.0	3.5	4.0	5.5	2.5	2.5	3.5	3.0	2.5	2.5	6.0	3.5	3.0	3.0	2.5	4.0	5.5	5.5	3.0	2.5	2.5	3.5	4.0	3.0	3.5	6.0
3	4.5	5.0	3.0	3.0	3.5	2.0	3.0	2.5	2.5	2.5	2.5	2.5	4.0	3.0	3.0	2.0	2.5	4.5	3.5	4.5	5.0	3.5	4.0	5.0	3.5	5.0
4	6.5	9.5	13.0	13.5	15.0	16.0	17.0	14.5	15.0	14.0	19.5	17.5	18.5	15.0	11.5	16.0	12.5	9.5	8.5	12.0	14.0	12.0	12.5	11.0	13.5	19.5
5	15.5	17.5	18.5	13.0	4.5	3.0	2.5	3.5	3.5	4.0	6.5	5.0	5.0	6.5	8.0	7.5	7.0	5.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7.5	18.5
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.5	6.0	7.5	4.5	6.0	6.5	5.0	3.5	3.0	4.5	2.5	2.5	6.0	5.0	7.5
7	4.0	5.0	4.5	3.5	1.5	2.0	2.5	3.0	3.5	3.0	5.0	7.5	8.0	6.5	7.0	5.5	5.5	3.5	4.5	3.5	4.5	3.0	3.5	3.5	4.5	8.0
8	2.5	3.5	2.5	2.5	3.0	2.0	1.5	2.5	2.0	4.0	6.0	5.0	5.5	2.5	3.0	4.5	4.0	4.0	4.5	5.5	2.5	2.5	2.5	3.0	3.5	6.0
9	3.5	2.5	2.5	2.0	3.5	3.0	2.5	2.0	2.5	3.5	2.5	13.5	10.5	11.0	10.0	9.5	12.0	20.0	13.5	13.0	11.5	12.5	3.0	8.5	7.5	20.0
10	7.5	6.0	7.0	8.0	8.5	8.0	7.5	7.0	5.5	7.0	8.5	6.0	4.5	11.0	9.0	7.0	3.5	2.0	4.0	4.0	3.0	2.5	4.0	6.5	6.0	11.0
11	6.0	3.5	6.0	6.0	2.5	2.5	2.5	2.5	3.0	4.0	6.5	7.0	6.5	6.0	6.5	6.5	5.0	4.5	4.0	2.5	2.0	2.5	2.5	2.5	4.5	7.0
12	2.5	3.0	3.5	3.0	2.5	2.0	2.5	3.0	3.0	4.0	5.0	9.0	5.5	5.5	5.0	5.0	5.5	6.5	5.5	5.0	5.0	2.5	3.5	3.5	4.0	9.0
13	3.0	4.5	3.0	3.5	2.5	2.5	4.0	2.5	2.0	3.0	5.0	7.0	8.0	8.5	7.5	6.0	6.5	4.0	2.5	3.5	4.0	3.5	2.5	2.5	4.0	8.5
14	3.5	3.5	2.5	3.0	3.5	3.5	6.0	3.0	7.5	4.5	5.5	5.5	8.0	5.5	9.5	10.0	9.5	11.5	10.0	8.0	4.0	6.5	9.0	8.0	6.5	11.5
15	6.5	4.0	5.0	2.5	2.5	4.0	4.5	2.5	2.5	4.5	5.0	5.0	7.0	3.5	4.0	6.5	4.0	10.0	9.5	2.5	6.0	9.0	3.5	2.5	5.0	10.0
16	4.0	7.0	6.5	8.5	10.5	7.0	7.5	5.0	6.5	6.0	9.5	6.5	7.0	9.0	11.5	7.0	5.5	6.0	5.0	5.0	10.0	10.0	10.0	8.5	7.5	11.5
17	9.0	19.0	18.5	22.0	19.5	18.5	12.0	3.5	5.5	8.5	11.0	11.5	13.5	13.5	12.0	9.5	7.5	4.5	3.5	5.5	10.5	9.0	8.0	8.0	11.0	22.0
18	7.5	10.0	8.5	10.0	9.5	8.5	6.0	8.0	7.5	12.5	21.0	19.0	20.0	20.0	19.0	17.0	18.0	12.0	7.0	6.0	3.0	9.0	12.5	12.0	12.0	21.0
19	10.0	9.0	4.5	2.5	2.5	4.5	3.0	2.5	2.5	5.5	14.0	10.0	5.5	4.5	6.0	4.0	15.0	14.0	13.5	5.0	10.5	12.0	11.0	5.5	7.5	15.0
20	14.0	11.0	8.5	6.0	5.0	10.0	13.5	4.0	9.5	9.0	10.0	13.5	11.5	12.5	8.5	9.5	7.0	4.5	4.0	4.0	3.5	3.5	4.5	4.5	8.0	14.0
21	3.5	3.5	5.5	6.5	5.0	5.0	7.0	8.0	9.0	5.0	3.5	4.0	4.0	3.5	4.0	3.5	3.0	2.5	3.0	2.0	3.0	5.0	5.0	5.0	4.5	9.0
22	4.0	8.5	6.0	5.0	5.5	5.0	4.0	3.5	2.5	3.0	3.0	5.5	5.0	4.0	4.5	5.0	4.0	4.0	5.0	3.0	2.5	2.5	3.0	3.0	4.0	8.5
23	3.0	3.5	3.0	2.5	2.5	4.5	4.5	2.5	2.5	3.0	5.0	4.5	4.0	3.5	3.5	4.0	4.0	3.5	2.5	3.5	3.0	4.0	2.5	2.0	3.5	5.0
24	3.5	3.5	4.0	4.0	4.0	8.0	4.0	4.0	7.0	8.0	3.5	6.5	3.5	3.0	5.5	3.0	3.5	4.5	2.5	3.0	5.5	5.0	6.5	7.5	4.5	8.0
25	7.5	11.0	6.0	7.0	5.0	4.0	4.5	3.5	3.5	4.5	4.0	4.5	4.5	4.0	3.5	2.5	2.0	6.0	11.5	10.5	5.5	3.0	7.5	3.5	5.5	11.5
26	3.0	2.0	2.0	4.0	3.5	2.5	4.0	3.0	3.5	4.5	5.5	4.5	5.0	4.0	3.5	6.0	6.0	4.5	5.0	4.0	3.5	6.5	4.0	5.0	4.0	6.5
27	2.5	2.5	3.5	3.0	3.0	4.5	3.5	2.5	3.5	5.5	7.0	7.0	8.0	5.5	4.5	2.5	2.5	3.5	4.0	5.5	4.0	6.0	4.5	6.0	4.5	8.0
28	4.0	3.5	3.0	3.0	3.0	4.0	3.5	3.5	4.0	2.5	5.5	3.0	3.0	5.0	9.5	8.5	7.5	6.0	10.0	8.0	8.5	10.5	8.5	6.0	5.5	10.5
29	5.5	4.5	2.5	5.0	4.5	7.5	11.5	6.0	11.5	15.0	14.0	12.0	16.5	19.5	18.5	14.0	13.0	12.0	11.0	12.0	11.0	10.5	7.0	5.0	10.5	19.5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.5	6.0	5.5	5.5	5.0	5.5	5.5	4.0	5.0	5.5	7.5	7.5	7.5	7.5	7.0	7.0	6.5	6.5	6.0	5.5	5.5	6.0	5.5	5.5	6.0	[ ]
SD	3.2	4.3	4.3	4.4	4.0	4.0	3.7	2.6	3.2	3.4	4.7	4.1	4.5	4.7	4.2	3.7	4.0	4.0	3.4	3.1	3.3	3.4	3.1	2.6	2.7	[ ]

OUTPT (VERSION N 26 APR 76)

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WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	4.5	2.5	5.0	4.5	7.5	11.5	6.0	11.5	15.0	14.0	12.0	16.5	19.5	18.5	14.0	13.0	12.0	11.0	12.0	11.0	10.5	7.0	5.0	10.5	19.5
2	4.0	16.0	15.5	14.0	11.5	11.0	11.0	11.0	15.0	20.5	21.0	20.0	22.0	26.5	23.0	22.5	19.5	20.5	19.0	19.5	7.5	7.0	6.0	4.5	15.5	26.5
3	2.5	6.5	8.5	7.0	7.5	3.0	4.0	4.5	4.0	4.0	4.5	6.5	8.5	6.0	10.0	9.5	4.5	8.5	7.5	4.0	3.5	5.0	6.5	3.5	6.0	10.0
4	7.5	11.0	6.0	5.0	7.0	3.0	3.0	2.5	2.5	3.5	3.0	4.0	5.5	5.0	4.5	6.5	9.5	4.5	3.0	3.0	2.0	3.5	4.5	4.5	5.0	11.0
5	5.0	2.5	3.5	4.5	4.5	5.5	2.5	2.5	2.5	2.5	4.0	5.5	4.0	5.0	4.5	5.5	8.0	6.5	5.0	8.0	5.5	3.0	3.0	2.5	4.5	8.0
6	2.5	4.0	4.5	5.0	6.0	5.5	5.0	5.5	6.5	3.0	4.0	2.5	4.0	4.0	3.5	4.5	2.5	2.0	2.5	2.5	3.0	2.5	3.0	3.0	4.0	6.5
7	4.0	4.0	4.0	5.5	6.5	5.0	5.0	5.0	4.0	2.0	5.0	4.5	5.0	4.0	4.5	3.5	4.0	3.0	2.5	3.5	2.5	2.5	2.5	3.5	4.0	6.5
8	5.5	4.5	6.0	5.0	4.5	5.0	4.5	2.5	3.0	3.0	5.0	10.5	4.0	4.0	3.5	4.0	3.5	3.5	4.5	4.5	2.0	2.5	3.0	3.5	4.0	10.5
9	5.5	5.5	4.5	6.0	4.5	3.5	2.5	3.5	3.5	3.0	4.5	4.5	4.0	4.0	6.0	3.5	3.0	3.0	2.5	3.0	2.5	3.0	2.5	2.5	4.0	6.0
10	2.0	3.0	4.5	4.0	2.5	3.5	3.5	2.0	2.5	4.5	5.5	5.5	6.0	6.5	5.0	5.0	4.0	3.5	3.0	2.5	3.0	3.5	4.5	6.0	4.0	6.5
11	5.0	2.5	3.5	4.5	12.5	16.0	7.5	3.5	3.5	8.5	6.5	10.0	9.5	11.0	13.5	13.5	16.5	22.5	21.0	10.5	2.5	2.5	3.5	3.5	9.0	22.5
12	10.0	12.5	15.0	15.5	16.5	13.0	12.0	14.0	12.0	11.5	8.5	5.0	6.0	6.0	4.0	3.0	3.5	3.5	3.5	2.5	1.5	3.0	5.0	5.5	8.0	16.5
13	8.5	6.0	6.5	6.0	7.0	3.5	4.5	4.5	2.5	3.5	4.5	6.5	7.0	8.5	8.0	6.0	6.5	5.5	4.0	2.5	2.0	3.5	3.0	4.5	5.0	8.5
14	6.0	3.5	2.5	4.0	3.0	4.0	3.5	5.5	4.0	3.0	6.5	6.5	4.0	6.5	8.0	5.5	18.0	13.0	20.0	16.5	13.0	7.0	2.5	3.0	7.0	20.0
15	3.0	5.5	3.0	5.0	2.5	3.0	4.0	2.5	3.5	8.0	6.0	4.0	6.0	6.0	4.0	4.0	2.5	4.5	3.5	5.0	7.5	9.5	6.5	2.5	4.5	9.5
16	6.5	7.5	7.0	7.5	6.5	3.0	4.5	4.0	3.0	4.5	7.5	6.5	6.5	7.5	4.0	3.5	4.0	3.0	3.5	2.5	3.0	3.0	5.0	5.5	5.0	7.5
17	3.5	3.5	3.0	6.5	5.5	5.0	4.0	2.5	3.5	4.0	4.0	3.0	4.5	6.5	7.5	5.0	4.5	2.5	3.0	4.0	7.0	5.0	6.0	6.0	4.5	7.5
18	6.0	4.0	2.5	4.5	4.0	5.0	5.0	4.5	3.0	3.5	5.0	3.5	7.5	15.5	15.5	15.5	14.0	10.0	15.5	17.0	16.0	13.5	6.0	8.0	8.5	17.0
19	9.0	11.0	8.5	9.0	13.5	23.0	22.5	23.5	20.5	21.5	24.5	27.5	26.5	25.0	21.5	21.5	20.5	21.5	19.5	17.5	14.5	12.5	9.5	8.0	18.0	27.5
20	9.5	13.5	16.0	16.5	14.0	17.5	13.5	12.5	13.5	12.0	11.5	10.5	8.0	6.5	6.5	6.5	8.0	6.5	6.5	7.0	6.5	6.0	3.5	3.5	10.0	17.5
21	7.0	6.0	3.0	6.0	5.5	5.0	6.0	10.0	17.5	19.5	20.0	18.0	22.0	24.5	21.5	18.0	16.0	19.0	13.0	7.0	2.5	3.0	8.0	10.5	12.0	24.5
22	9.5	8.0	9.5	10.0	10.0	11.0	8.0	6.5	3.0	4.5	6.0	5.0	7.0	7.5	4.5	8.0	13.0	11.0	8.0	8.5	5.5	9.0	7.0	5.5	7.5	13.0
23	12.5	14.0	13.0	10.5	5.5	7.0	8.5	6.5	5.0	11.5	8.5	10.0	17.0	17.0	14.0	16.0	9.5	15.0	14.0	7.0	5.5	10.0	6.5	2.5	10.5	17.0
24	5.0	4.0	2.5	4.5	6.0	7.0	7.0	7.5	4.5	4.5	7.5	9.5	8.5	11.0	10.0	10.5	9.5	9.0	10.0	10.0	17.5	18.5	19.5	19.0	9.5	19.5
25	14.5	13.5	13.5	13.0	12.5	10.5	17.5	19.0	16.5	19.5	11.0	8.0	6.5	9.5	9.0	11.5	9.0	6.5	5.5	5.0	2.5	4.5	3.5	4.0	10.5	19.5
26	3.0	4.0	4.0	5.0	6.5	6.5	12.5	11.5	6.5	4.5	5.5	6.5	6.0	4.5	6.5	4.5	7.0	10.0	12.0	11.5	11.5	5.0	5.5	6.0	7.0	12.5
27	4.0	2.5	3.5	6.0	4.0	3.0	3.5	5.5	7.0	10.5	14.5	14.0	16.0	15.5	13.5	13.0	14.5	18.5	19.5	6.5	7.0	8.0	8.5	9.0	9.5	19.5
28	5.5	11.5	6.5	4.0	4.0	5.0	6.0	5.0	5.0	5.0	5.0	6.5	10.5	11.0	12.0	8.5	11.5	10.0	10.0	3.5	4.5	2.5	2.5	2.5	6.5	12.0
29	2.5	4.0	3.0	4.5	4.5	3.5	2.5	2.5	5.0	3.5	5.5	9.5	11.5	10.0	7.0	10.5	11.5	10.0	4.0	5.0	6.0	4.0	4.0	5.5	6.0	11.5
30	6.5	10.0	5.0	4.0	5.0	7.5	9.0	7.0	4.0	5.0	4.5	7.0	6.5	7.5	4.0	6.0	4.0	3.0	3.5	3.0	8.5	11.5	10.5	11.5	6.5	11.5
31	9.0	7.5	5.0	5.0	7.0	8.0	6.0	5.5	4.5	5.5	6.0	7.0	8.5	9.0	4.0	7.0	8.0	12.0	9.5	10.5	11.0	10.5	5.5	2.5	7.5	12.0
AV	6.0	7.0	6.5	7.0	7.0	7.0	7.0	6.5	6.5	7.5	8.0	8.5	9.0	10.0	9.0	9.0	9.0	9.0	8.5	7.5	6.5	6.5	5.5	5.5	7.5	[ ]
SD	3.0	3.9	4.1	3.5	3.6	4.7	4.6	4.9	5.0	5.8	5.3	5.3	5.9	6.4	5.8	5.4	5.3	6.1	6.1	4.9	4.4	4.0	3.3	3.4	3.4	[ ]

OUTPT [VERSION N 26 APR 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	2.5	5.0	2.5	2.5	3.0	3.0	3.5	3.0	18.5	17.5	16.0	19.5	20.0	19.0	17.5	18.5	16.0	12.5	9.5	7.0	8.5	8.5	10.0	10.5	20.0
2	8.0	11.5	11.0	10.0	12.5	10.0	5.5	4.0	5.5	4.0	7.0	7.5	8.0	11.5	11.5	10.0	7.5	5.0	3.5	4.5	5.0	4.5	7.0	7.5	7.5	12.5
3	7.5	6.0	5.5	6.5	6.5	7.0	5.0	4.5	4.5	6.0	5.5	6.0	7.5	8.5	9.0	11.5	8.5	7.0	6.0	3.5	5.0	8.0	8.5	6.5	6.5	11.5
4	3.5	4.0	4.5	4.0	3.5	4.5	6.5	6.5	4.5	4.5	6.5	7.5	8.5	7.5	6.0	8.5	9.0	4.5	5.5	8.0	11.5	8.5	5.5	5.5	6.0	11.5
5	5.5	4.5	4.0	1.5	2.5	3.0	2.5	3.5	7.0	8.0	4.0	4.0	11.5	19.5	20.5	24.0	8.5	11.5	12.5	5.5	7.5	9.5	9.5	12.5	8.5	24.0
6	13.5	7.0	7.0	13.0	10.5	6.5	7.5	3.5	8.0	11.0	10.0	10.0	10.5	12.0	11.5	11.5	13.0	13.5	7.0	9.5	7.0	8.0	6.5	6.0	9.5	13.5
7	6.5	6.0	5.0	5.0	5.0	5.0	5.5	9.0	6.0	8.0	5.5	6.5	6.5	5.5	8.0	7.0	10.0	7.5	11.0	8.5	8.5	6.5	5.0	3.0	6.5	11.0
8	2.0	2.5	2.5	2.5	5.0	5.0	6.5	6.0	3.5	5.0	6.5	6.5	3.0	8.0	7.0	9.0	16.5	10.5	8.5	5.5	5.0	5.0	6.5	10.0	6.0	16.5
9	11.5	11.0	7.0	8.0	5.0	4.0	5.5	5.0	11.0	13.0	15.5	15.0	10.5	8.5	12.5	16.0	16.0	17.5	18.0	13.5	4.5	2.5	5.0	4.5	10.0	18.0
10	8.0	6.5	6.0	6.5	6.5	5.5	5.5	4.5	7.0	6.5	6.0	4.5	7.0	7.5	5.5	6.5	6.5	4.0	3.0	4.0	4.0	6.0	7.0	9.0	6.0	9.0
11	9.5	7.0	5.5	6.5	5.5	5.0	4.0	3.0	3.5	6.5	7.5	4.5	5.0	13.5	11.0	15.5	14.0	12.0	10.5	10.5	9.5	8.0	3.5	4.0	7.5	15.5
12	9.5	14.0	11.0	12.5	11.0	10.5	8.0	9.0	14.5	20.0	18.0	22.0	16.0	12.0	13.5	22.5	23.5	22.5	20.0	17.0	18.0	19.0	17.5	15.5	15.5	23.5
13	15.5	14.0	14.5	10.5	10.5	10.0	9.0	12.0	19.5	21.5	19.5	14.5	9.5	14.0	15.5	16.0	14.5	12.5	10.5	4.5	4.5	4.0	4.5	4.5	12.0	21.5
14	4.5	4.0	2.5	3.0	5.0	4.5	3.5	7.0	5.5	5.0	11.0	14.0	10.0	13.0	9.0	9.5	10.0	8.0	7.5	12.5	12.0	9.5	6.5	6.5	7.5	14.0
15	5.5	5.5	5.5	9.0	11.5	9.5	10.0	11.0	14.0	16.0	19.5	19.5	17.0	15.0	14.5	14.0	14.5	12.5	15.0	9.5	8.5	4.5	3.0	2.5	11.0	19.5
16	2.5	3.5	3.0	3.5	2.5	2.5	3.0	8.5	6.0	7.5	9.0	13.5	10.0	12.0	10.0	6.5	17.5	11.5	6.5	7.5	5.5	2.5	4.0	4.0	7.0	17.5
17	4.0	6.0	7.5	4.0	3.5	3.5	8.0	6.0	7.0	6.0	3.0	4.5	7.5	5.5	5.5	5.0	5.5	7.5	8.0	8.0	6.0	6.0	8.0	6.5	6.0	8.0
18	7.5	8.0	8.5	7.0	7.0	4.0	10.0	9.0	8.5	4.0	5.0	4.0	11.5	12.0	14.0	12.5	13.0	13.5	11.0	7.0	9.5	12.5	8.5	7.5	9.0	14.0
19	2.5	2.0	3.0	5.0	2.5	3.0	2.5	3.0	5.5	4.0	6.5	4.5	4.5	4.0	4.5	4.0	3.0	2.0	2.5	4.5	5.5	9.5	8.5	3.0	4.5	9.5
20	3.0	3.0	5.0	6.0	5.0	2.5	7.5	6.0	5.0	6.0	5.0	6.5	6.0	7.5	6.0	5.0	5.5	8.0	6.5	6.5	8.0	11.5	12.5	9.0	6.5	12.5
21	10.5	11.0	9.5	3.5	3.5	5.0	7.0	5.5	5.0	8.0	11.5	14.5	14.5	18.0	15.0	14.5	13.0	16.5	10.0	9.0	3.0	10.5	13.5	13.5	10.0	18.0
22	10.5	7.0	3.0	9.5	11.5	13.5	12.0	10.5	11.5	12.0	12.5	13.5	11.0	20.5	12.0	4.5	7.0	7.5	10.0	8.5	8.0	21.5	14.0	9.5	11.0	21.5
23	3.0	7.0	10.5	7.0	10.0	12.0	10.5	11.5	13.5	16.5	19.5	22.5	21.0	23.0	23.5	20.5	16.0	19.0	10.5	6.0	3.0	2.5	2.5	3.0	12.5	23.5
24	3.5	4.5	8.0	8.5	6.0	7.0	5.5	2.5	5.5	5.0	5.0	7.5	6.5	8.0	9.5	6.5	5.0	4.0	2.5	8.0	11.5	10.0	9.5	7.0	6.5	11.5
25	7.0	4.5	4.0	3.0	2.0	3.0	7.5	11.5	14.0	12.5	13.0	8.5	15.0	26.5	32.0	24.0	23.5	22.5	7.0	5.5	8.0	9.0	6.0	7.0	11.5	32.0
26	12.5	8.0	8.5	6.0	7.0	10.5	8.5	7.0	4.5	5.5	7.0	5.0	5.5	6.0	8.5	10.0	6.0	15.0	6.5	4.5	4.0	3.5	2.5	5.0	7.0	15.0
27	5.5	5.5	6.0	5.0	6.5	3.0	3.5	3.0	3.5	4.5	6.0	7.0	6.0	4.5	8.0	5.0	4.0	12.0	11.5	4.0	4.5	2.5	3.5	3.5	5.5	12.0
28	2.5	4.5	6.5	8.5	12.0	10.0	8.0	4.5	3.5	6.5	5.5	8.5	9.5	10.0	7.5	8.5	5.5	6.0	5.0	3.5	5.0	9.0	8.0	6.0	7.0	12.0
29	3.5	3.0	3.0	3.0	2.5	4.0	5.5	5.0	3.0	4.5	5.0	6.5	8.5	9.5	10.5	12.0	16.5	12.5	8.5	8.0	5.0	5.5	8.5	8.5	7.0	16.5
30	5.5	7.0	6.0	6.5	6.0	3.5	4.5	7.0	8.5	9.5	10.5	9.5	9.0	9.0	9.0	10.5	5.5	7.0	5.5	4.0	2.5	3.0	4.0	3.5	6.5	10.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.5	6.5	6.5	6.0	6.5	6.0	6.5	6.5	7.5	9.0	9.5	10.0	10.0	11.5	11.5	11.5	11.0	11.0	9.0	7.5	7.0	7.5	7.5	7.0	8.5	[ ]
SD	3.6	3.2	2.9	3.0	3.3	3.2	2.5	2.9	4.1	5.0	5.1	5.3	4.3	5.6	5.9	5.7	5.6	5.3	4.1	3.1	3.3	4.4	3.5	3.1	2.5	[ ]

OUTPT [VERSION N 26 APR 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	120	70	150	100	105	95	95	120	100	35	300	300	300	280	265	265	200	265	265	290	140	150	305	130	14	
2	110	110	115	120	345	105	110	160	355	205	295	295	75	280	320	290	285	220	200	120	100	180	185	220	6	
3	110	115	100	90	10	345	110	330	115	0	20	65	280	350	285	55	295	340	110	185	275	315	25	290	[VA]	
4	305	185	155	190	195	170	160	160	150	155	160	160	150	155	165	165	155	145	135	155	160	165	155	145	8	
5	150	150	150	160	260	345	275	335	325	305	305	335	5	325	310	70	0	310	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	15	
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	295	290	290	290	290	285	280	280	275	260	225	270	285	[VA]	
7	275	280	280	265	115	300	285	275	290	270	285	285	290	295	285	290	290	275	250	270	245	300	200	135	13	
8	15	190	85	290	255	20	325	5	15	280	285	295	280	345	285	280	285	285	280	265	280	280	275	290	[VA]	
9	280	255	20	0	50	270	255	10	295	180	260	300	290	290	270	90	160	165	150	155	160	245	120	155	14	
10	150	165	150	150	140	145	145	160	165	205	290	300	280	290	285	270	285	45	125	50	110	165	80	125	8	
11	195	20	115	105	20	0	80	15	345	280	285	285	285	285	285	280	285	260	235	95	290	340	285	5	[VA]	
12	295	100	65	205	160	350	315	190	310	290	285	285	285	285	285	285	280	265	160	245	330	0	140	270	14	
13	260	115	340	5	285	200	280	225	315	285	290	295	280	280	280	285	285	275	145	330	265	210	55	150	14	
14	105	115	5	240	140	330	235	75	65	270	275	280	280	105	330	220	170	130	130	135	130	130	130	135	7	
15	125	65	95	70	85	110	15	200	230	275	225	30	250	335	280	290	270	265	260	65	240	250	225	310	12	
16	170	120	125	130	135	170	160	150	135	185	255	295	270	60	190	205	270	180	165	170	175	175	175	225	9	
17	190	280	270	280	285	295	300	335	275	285	290	270	260	275	270	275	280	275	190	195	170	165	170	185	[VA]	
18	165	160	155	155	170	195	265	200	250	280	265	275	265	285	295	290	290	290	285	285	145	145	155	160	14	
19	115	130	95	0	40	295	330	300	330	270	280	290	270	305	300	295	290	280	270	220	275	265	290	265	14	
20	280	295	290	285	285	280	295	5	305	315	320	325	310	0	55	350	45	50	60	50	15	45	115	125	14	
21	110	45	100	95	90	90	105	115	125	115	10	355	305	30	80	280	20	45	45	160	115	120	130	135	6	
22	100	115	95	100	100	100	105	100	100	295	295	295	275	265	270	285	290	275	265	225	105	95	100	120	5	
23	140	85	25	160	120	145	145	125	145	310	295	295	270	290	290	235	300	220	10	170	25	250	35	275	14	
24	185	120	75	60	10	310	280	130	240	295	310	310	270	55	105	345	260	25	325	50	120	105	135	115	6	
25	115	140	115	115	115	110	115	105	5	275	280	280	265	300	310	325	285	165	170	170	35	60	130	125	6	
26	265	125	90	45	205	130	350	45	275	285	280	275	275	280	270	290	275	160	125	135	280	265	145	170	13	
27	165	175	95	80	65	105	105	325	285	290	295	305	285	280	280	275	155	310	60	125	240	200	130	220	14	
28	115	70	105	140	120	40	10	170	340	330	275	70	200	170	190	200	200	170	145	145	150	150	160	255	9	
29	295	300	355	345	235	195	155	245	155	165	165	175	155	145	155	160	160	160	145	160	150	155	185	235	8	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	6	6	5	5	6	6	6	8	15	14	14	14	14	14	14	14	[VA]	13	7	8	13	8	7	7	14	

WIND DIRECTION ● 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	295	300	355	345	235	195	155	245	155	165	165	175	155	145	155	160	160	160	145	160	150	155	185	235	8	
2	195	160	170	165	170	175	160	165	165	165	170	180	160	165	115	160	170	160	220	275	290	280	260	300	9	
3	300	85	85	75	65	55	35	70	300	50	10	310	285	270	285	285	350	275	240	235	185	150	140	25	[VA]	
4	130	125	120	95	115	225	260	230	210	95	305	310	290	295	290	285	295	5	85	305	70	340	290	295	[VA]	
5	265	210	120	125	135	140	110	105	260	295	350	350	55	45	75	100	105	110	120	135	130	220	285	260	6	
6	190	185	150	125	120	110	115	115	110	300	290	35	315	300	295	295	305	290	10	100	150	10	220	110	[VA]	
7	110	110	105	115	105	115	110	110	50	320	300	300	285	270	290	285	280	265	260	140	270	280	240	105	13	
8	105	105	100	105	100	95	110	95	80	280	285	280	285	295	295	285	280	275	275	255	30	240	105	110	6	
9	110	105	95	95	95	95	105	90	70	295	300	295	275	270	270	260	240	225	320	295	125	130	350	205	[VA]	
10	20	105	90	90	85	95	85	85	315	285	285	280	285	285	275	280	275	250	275	280	70	185	125	175	13	
11	255	105	115	340	120	135	190	210	100	150	165	160	210	275	260	255	270	275	265	240	345	250	130	75	[VA]	
12	75	90	90	90	80	80	85	90	80	80	70	30	335	290	0	275	345	255	280	310	105	85	90	110	5	
13	125	110	110	110	100	110	105	95	350	280	200	295	280	275	270	285	270	245	235	105	30	115	35	0	6	
14	225	350	315	310	305	255	130	115	20	320	275	300	235	290	285	205	265	255	275	275	275	245	110	185	[VA]	
15	285	70	110	135	105	90	165	180	295	285	330	280	240	245	55	265	40	95	95	115	125	125	160	20	7	
16	125	125	115	120	105	95	95	85	5	290	285	285	285	285	280	295	290	275	295	45	115	120	135	135	6	
17	105	100	105	95	95	105	90	70	40	180	285	225	10	295	285	295	290	35	15	35	135	130	115	105	6	
18	120	110	205	95	85	100	105	90	5	320	275	270	230	150	150	135	140	135	140	135	150	150	165	175	7	
19	140	160	150	155	255	265	270	270	270	265	265	275	275	275	255	265	260	260	260	275	280	290	290	290	13	
20	270	270	275	270	275	265	265	275	250	245	260	260	245	210	245	275	265	215	190	160	180	190	165	35	12	
21	230	255	120	115	205	245	235	245	265	265	260	265	275	280	280	285	275	285	280	315	105	80	130	140	[VA]	
22	105	95	115	125	115	120	105	35	20	285	270	280	280	275	260	135	145	145	160	160	145	155	160	125	7	
23	145	165	155	175	240	200	185	200	275	225	185	260	235	250	250	250	220	285	290	290	285	285	270	175	12	
24	90	55	90	100	105	110	120	130	85	340	285	300	285	235	210	235	210	200	150	155	155	150	160	170	[VA]	
25	150	155	155	150	155	220	300	280	285	295	295	230	65	95	70	80	55	210	140	135	235	200	135	140	8	
26	100	90	40	100	105	115	125	125	140	230	195	240	260	10	115	230	140	140	125	135	135	140	0	135	6	
27	95	120	110	130	165	70	105	120	100	145	165	185	150	160	170	210	270	290	285	240	165	150	15	295	8	
28	275	275	255	235	170	150	135	350	60	300	325	225	250	315	275	290	275	295	310	10	330	15	85	295	14	
29	290	270	90	260	245	145	40	40	305	0	270	300	290	300	5	300	290	15	335	305	280	310	250	280	14	
30	270	260	265	155	125	140	135	130	225	265	275	230	250	260	275	265	5	30	25	65	135	145	145	150	[VA]	
31	125	105	85	90	95	100	100	75	295	295	280	285	275	280	310	280	310	145	155	170	150	145	190	125	[VA]	
PV	6	6	[VA]	5	6	6	6	[VA]	14	14	14	14	13	13	13	13	14	13	13	7	7	[VA]	7	7	13	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	110	30	120	65	120	220	150	15	50	150	165	180	155	155	150	180	165	170	165	160	175	185	225	270	[VA]	
2	285	300	295	290	295	310	330	70	105	105	105	105	305	280	285	280	285	305	325	85	105	100	105	110	14	
3	110	105	115	100	100	115	105	100	325	300	300	305	270	280	285	290	295	315	350	65	130	130	120	130	6	
4	15	95	95	80	185	105	110	125	345	315	295	320	290	320	45	230	175	155	140	135	150	145	125	130	7	
5	105	110	255	70	115	95	85	55	275	300	270	70	120	100	100	150	145	125	145	130	150	170	150	155	7	
6	130	130	135	145	155	155	155	5	205	245	235	255	215	215	250	205	225	255	220	245	165	170	190	190	11	
7	210	190	165	190	175	155	225	265	280	305	335	340	185	80	75	75	70	80	85	105	105	120	120	145	6	
8	300	60	145	130	120	130	125	125	70	325	305	315	235	75	50	50	130	170	175	135	135	135	130	145	7	
9	150	135	140	170	0	350	265	275	305	270	275	280	235	265	295	295	290	310	305	310	320	105	145	140	13	
10	110	100	100	105	110	105	120	330	295	295	270	280	265	295	315	330	0	45	40	105	125	130	130	150	6	
11	110	130	120	110	110	145	110	30	305	305	290	295	355	165	115	175	160	165	175	150	135	145	145	120	7	
12	125	140	135	140	145	155	140	140	145	145	155	150	180	110	120	115	125	135	135	125	130	135	140	145	7	
13	145	145	140	140	165	155	155	170	170	165	155	170	165	170	170	160	160	180	175	120	160	225	155	185	8	
14	170	230	85	130	130	150	135	145	190	50	190	165	170	270	170	105	250	265	205	130	140	155	165	175	[VA]	
15	170	140	150	135	145	135	145	165	160	175	175	165	155	165	165	175	175	200	305	310	305	0	85	105	8	
16	60	120	120	155	90	120	170	130	165	10	255	280	275	285	265	145	180	185	225	235	150	50	10	105	6	
17	310	285	280	270	270	285	290	280	270	270	280	35	355	70	75	355	50	100	110	125	140	235	270	195	14	
18	120	140	130	120	125	125	145	140	120	35	310	45	145	130	140	150	140	155	265	210	175	145	150	160	7	
19	85	95	125	140	295	305	115	95	75	180	275	220	155	5	205	25	20	95	135	10	335	280	280	180	5	
20	95	100	120	115	90	60	120	115	80	120	60	235	265	255	245	20	260	285	235	185	185	170	165	155	5	
21	155	210	235	140	125	200	170	150	325	290	280	305	250	270	290	265	260	290	300	285	160	140	155	140	14	
22	135	120	315	165	160	165	180	175	175	185	230	245	220	290	345	150	230	240	175	170	160	285	295	275	8	
23	185	255	265	300	290	295	280	280	290	290	300	295	265	295	300	285	290	295	325	350	355	60	355	340	[VA]	
24	310	50	130	130	110	125	90	0	310	325	330	290	275	260	280	270	260	240	80	130	130	135	130	145	7	
25	50	105	155	215	330	140	125	135	165	230	300	295	155	150	150	260	285	290	105	145	130	130	40	270	7	
26	280	245	160	155	175	165	195	170	220	215	150	210	200	235	250	215	270	290	305	105	180	45	20	190	9	
27	160	125	260	260	285	280	100	10	330	265	320	295	295	55	300	5	325	310	305	305	255	5	140	130	14	
28	45	130	140	145	150	135	105	105	310	310	290	290	285	285	320	320	300	295	30	105	115	130	145	135	7	
29	95	40	95	115	115	115	115	95	30	20	310	325	295	285	290	275	305	315	40	95	95	85	95	120	[VA]	
30	90	100	90	105	115	110	90	85	80	85	85	75	60	110	25	75	25	50	50	45	95	105	115	115	5	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	6	6	6	7	7	7	6	7	15	14	14	14	[VA]	[VA]	14	[VA]	14	[VA]	15	[VA]	8	7	7	7	7	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-6	-8	-9	-10	-10	-10	-9	-10	-10	-7	-4	-2	-1	-1	0	0	-1	-2	-3	-5	-7	-7	-7	-7	-6	0
2	-7	-7	-7	-8	-9	-9	-10	-10	-10	-6	-5	-4	-1	-2	1	0	-3	-3	-4	-5	-5	-6	-7	-8	-6	1
3	-7	-7	-7	-9	-10	-10	-9	-9	-7	-6	-5	-2	-1	0	-2	1	1	-1	-2	1	0	-2	-4	-5	-4	1
4	-5	1	7	6	4	6	5	5	6	5	5	5	4	5	6	6	6	6	5	3	4	5	4	4	5	7
5	6	5	5	5	3	-1	-5	-5	-5	-5	-5	-5	-4	-2	0	1	2	1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-1	6
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-8	-9	-7	-7	-8	-9	-10	-11	-11	-9	-10	-11	-11	-9	-7
7	-10	-10	-11	-11	-10	-11	-10	-10	-10	-10	-9	-8	-7	-7	-8	-8	-8	-9	-11	-11	-10	-10	-9	-8	-9	-7
8	-9	-9	-9	-10	-10	-10	-11	-11	-9	-9	-8	-6	-4	0	-2	-4	-4	-4	-5	-6	-6	-5	-6	-5	-7	0
9	-5	-5	-5	-4	-4	-5	-5	-5	-4	-3	0	-1	-4	-3	-2	4	6	6	6	5	5	-3	-2	2	-1	6
10	1	1	1	2	2	2	2	2	4	6	4	4	6	5	5	7	5	4	2	-1	0	-1	-1	-1	3	7
11	-2	-5	-5	-5	-6	-7	-8	-8	-6	-4	-3	-3	-2	2	3	3	2	2	-2	-3	-4	-4	-4	-4	-3	3
12	-6	-5	-4	-6	-7	-7	-6	-7	-6	-5	-3	-2	-2	1	2	1	0	-1	-1	-3	-4	-3	-4	-4	-3	2
13	-4	-4	-5	-5	-6	-6	-7	-6	-5	-3	-2	0	0	2	3	4	2	1	0	-2	-2	-3	-3	-2	-2	4
14	-3	-3	-4	-4	-4	-4	-6	-5	-2	-2	1	2	1	5	4	2	2	1	1	0	0	-2	-2	-3	-1	5
15	-2	-5	-5	-3	-4	-5	-5	-5	0	0	1	1	3	6	6	5	5	3	2	0	0	1	0	-1	0	6
16	-1	-3	-3	-3	-4	-3	-3	-3	0	3	3	4	4	7	6	5	3	3	3	5	5	6	5	3	2	7
17	1	-1	-1	0	0	-1	-3	-3	-1	1	2	3	2	3	4	6	4	2	2	3	4	5	4	4	2	6
18	2	2	0	1	2	2	2	3	4	5	6	5	6	6	6	5	5	4	3	2	0	1	0	0	3	6
19	-2	-3	-4	-4	-4	-4	-4	-3	-1	-1	-2	0	4	7	9	9	4	1	-1	-1	-1	-2	-2	-3	0	9
20	-5	-3	-5	-5	-5	-4	-4	-4	-4	-3	-2	-2	-2	0	0	0	-1	-3	-4	-5	-6	-6	-8	-10	-4	0
21	-11	-12	-12	-13	-13	-14	-14	-13	-10	-6	-3	-3	-2	1	3	2	0	-1	-3	-6	-7	-7	-11	-11	-7	3
22	-12	-11	-12	-12	-13	-14	-15	-12	-8	-7	-4	-3	-2	0	0	0	0	-3	-3	-4	-5	-7	-8	-9	-7	0
23	-10	-9	-9	-9	-10	-11	-11	-8	-7	-5	-4	-3	-2	1	3	3	2	0	-1	-3	-3	-4	-4	-4	-5	3
24	-5	-7	-6	-5	-5	-5	-5	-4	-3	-1	-1	2	1	5	7	8	8	4	1	2	1	-1	0	-2	0	8
25	-2	-1	-3	-4	-4	-5	-6	-5	-1	3	3	4	6	6	9	11	9	8	7	7	5	3	3	2	2	11
26	1	-2	-2	-2	-2	-3	-3	-3	-2	-1	2	4	6	8	10	10	9	8	7	7	6	5	4	2	3	10
27	1	0	-1	-1	-2	-3	-3	-2	1	2	3	5	6	7	9	11	13	11	9	6	6	5	4	3	4	13
28	-1	-1	-2	0	-1	-2	-1	-2	-1	3	4	6	7	11	16	16	15	14	10	9	10	11	10	8	6	16
29	6	6	6	6	7	8	8	7	10	12	13	14	14	15	15	15	14	14	13	13	12	11	12	11	11	15
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-3	-4	-4	-4	-4	-5	-5	-5	-3	-2	0	0	1	3	4	4	3	2	1	0	0	-1	-2	-2	-1	[ ]
SD	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	5	[ ]

OUTPT (VERSION N 26 APR 76)

```
     TEMPERATURE
     (DEGREES C.)
                                                   WHITE RIVER SHALE PROJECT,UTAH      ********************
                                                                                       *                  *
                                                   SITE A 11                           * PRELIMINARY DATA *
                                                                                       * AS OF 01/JUL/76  *
                                                   MARCH,1976                          *                  *
                                                                                       ********************
                                                   AEROVIRONMENT INC.                  *                  *
                                                                                       *   SUBJECT TO     *
                                                                                       *    REVISION      *
                                                                                       *                  *
                                                                                       ********************

                                   CLOCK HOUR  (LOCAL STANDARD TIME)
  D                                                                                                      P
  A                                                                                                      E
  T   00  01  02  03  04  05  06  07  08  09  10  11  12  13  14  15  16  17  18  19  20  21  22  23 AVE  A
  E                                                                                                      K

  1    6   6   6   6   7   8   8   7  10  12  13  14  14  15  15  15  14  14  13  13  12  11  12  11  11  15
  2   10  10   9   8   8   7   8   9   9  10  11  12  12  11  12  12  11  10   8   2   1   2   1   0   8  12
  3   -1  -1   0  -1  -1  -2  -3  -3  -2   0   0   1   1   0  -1  -2  -2  -2  -3  -3  -4  -2  -3  -4  -2   1
  4   -7  -7  -8  -8  -9 -10 -10 -10  -9  -7  -5  -4  -5  -4  -4  -4  -6  -5  -6  -7  -7  -5  -5  -5  -7  -4
  5   -7  -6  -5  -5  -6  -8  -7  -6  -5  -3  -3  -3  -2  -2   0  -3  -6  -5  -5  -7  -7  -7  -8  -9  -5   0
  6  -10 -11 -12 -12 -14 -15 -14 -13  -9  -7  -8  -2  -5  -3  -4  -3  -4  -6 -10 -11 -11 -11 -12 -13  -9  -2
  7  -14 -14 -17 -19 -20 -20 -16 -17 -15 -10  -7  -5  -4  -4  -4  -4  -5  -5  -6  -8  -8  -9  -9  -8 -10  -4
  8   -9 -11 -11 -10 -11 -12 -11  -9  -7  -7  -6  -5  -3  -1   1   1   1   0  -3  -4  -6  -6  -8  -7  -6   1
  9   -7  -7  -8  -8  -9  -9  -9  -6  -5  -3  -1  -1   2   3   3   3   4   4   2   1  -1  -2  -4  -5  -3   4
 10   -5  -5  -5  -5  -7  -8  -7  -4  -2  -2   1   0   0   3   7   7   6   5   3   1  -1   0   1  -1  -1   7
 11   -1   0   3   0   1  -1  -1   0   3   5   7   4   0  -1  -1  -1  -1  -3  -4  -5  -5  -5  -5  -6  -1   7
 12   -6  -7  -7 -10 -11 -11 -11 -10  -8  -8  -6  -5  -3  -1  -1  -1  -3  -6  -7 -10 -10  -9 -10 -11  -7  -1
 13  -12 -10  -8  -8  -8  -9 -10 -11  -5  -2  -1  -1   1  -1  -1  -1  -1   0  -2  -3  -2  -2  -1  -3  -4   1
 14   -2  -2  -2  -3  -4  -5  -5  -2  -1   2   3   3   5   5   6   6   5   2   3   2   2   1  -1  -1   1   6
 15   -2  -2  -2  -2  -2  -2  -1   0   0   0   2   3   5   7   6   8   9   6   3   0   0   1  -1  -2   1   9
 16   -2  -2  -2  -3  -4  -5  -4  -2  -1   1   2   6   8   7   8   9   8   8   8   8   6   4   4   3   3   9
 17    1   0   1   1   1   2   2   2   2   4   6  11  13  13  13  13  12  12  10   8   6   6   6   6   6  13
 18    7   5   2   0  -1   1   1   3   7  10  13  15  16  17  16  14  14  15  14  13  13  11  10  12  10  17
 19   12  11  11   8   6   5   2   0  -1   0   1   1   1   0   0   0   1  -1  -2  -4  -4  -3  -5  -5   1  12
 20   -4  -5  -5  -6  -6  -5  -5  -6  -5  -4  -2   1   4   5   4   5   8   6   3   2   3   2   1   0   0   8
 21    0   0  -2  -2  -1   0   2   5   5   4   7   7   7   8   9   9   8   9   8   6   3   2   2   3   4   9
 22    2   0  -1  -3  -3  -1  -1  -2   2   7   8   9  10  12  15  14  14  13  10  10   8  11  11  10   6  15
 23   12  12  11   8   8  10  10  11  13  15  16  17  16  16  16  14  16  16  14  10   8   8   7   5  12  17
 24    3   5   3   1   1   1   0   4   9  12  12  12  13  17  19  18  17  16  14  14  16  15  15  15  11  19
 25   11  12  12  12  13  13   8   6   5   4   2   1   0   0   0   1   0  -1  -1   0  -1  -2  -3  -3   4  13
 26   -5  -5  -5  -5  -5  -7  -7  -6  -2   2   3   3   5   5  10  10   9   6   2   1   3   3   2   2   1  10
 27    1   1  -1  -1  -1  -2  -1   3   7   9  13  13  10  11  11  12  10   6   5   2   2   2   1   1   5  13
 28    0   0  -1  -2  -3  -3  -3  -2  -2   1   4   6   3   2   3   4   5   4   3   1   0  -1  -2  -3   1   6
 29   -1  -3  -4  -3  -5  -5  -6  -3   1   4   4   3   4   5   6   5   5   3   3   3   2   1   0  -1   1   6
 30   -4  -4  -3  -4  -4  -4  -3  -2   0   4   5   6   6   6   7   8  10   9   8   6   4   3   2   2   2  10
 31    1   1  -1  -3  -4  -4  -2   0   2   6   8  11  13  14  16  14  14  13  13  12  10   8   7   7   7  16

 AV   -1  -1  -2  -2  -3  -3  -3  -2   0   2   3   4   5   5   6   6   6   5   3   2   1   1   0   0   1 [  ]
 SD    7   7   7   6   7   7   6   6   6   6   6   6   6   6   7   7   7   7   7   7   7   6   7   7   6 [  ]

 OUTPT  (VERSION N   26 APR 76)
```

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 11
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	4	3	3	4	3	4	7	11	16	17	18	18	18	19	19	19	18	18	15	13	12	11	8	12	19
2	7	5	3	1	0	0	4	5	6	9	11	15	14	15	17	18	17	17	15	13	9	7	6	6	9	18
3	4	3	1	-1	-2	-3	-1	4	7	9	13	13	13	16	19	20	18	17	17	14	12	12	10	10	9	20
4	10	6	4	3	3	3	4	7	10	15	16	20	18	20	19	19	20	18	14	13	13	12	10	9	12	20
5	6	8	7	6	3	4	5	8	9	11	14	16	15	15	16	11	6	6	5	5	7	8	7	4	8	16
6	2	3	2	0	1	3	4	4	6	9	10	10	11	12	11	10	10	9	9	8	8	8	8	9	7	12
7	7	7	7	7	7	6	7	9	8	10	14	15	14	16	15	10	10	10	9	8	8	8	6	6	9	16
8	6	6	4	3	2	2	4	7	11	11	13	15	16	17	18	18	19	19	16	13	12	12	11	12	11	19
9	13	13	12	11	8	8	10	12	13	15	17	18	16	17	17	17	17	15	14	13	10	8	8	6	13	18
10	4	3	3	3	1	0	2	4	7	10	12	14	16	16	19	20	20	21	17	14	13	9	8	9	10	21
11	8	7	5	5	4	3	4	7	10	12	15	19	24	25	25	25	24	22	20	18	16	14	12	9	14	25
12	9	12	13	14	11	10	12	17	19	20	19	19	18	18	14	14	13	14	14	13	12	12	12	13	14	20
13	10	9	9	10	11	10	10	11	10	9	11	11	11	11	11	13	13	10	8	8	8	7	6	7	10	13
14	6	7	5	5	6	6	7	7	9	11	11	12	12	9	7	8	8	7	5	5	5	6	5	5	7	12
15	4	3	3	3	3	3	6	7	7	8	9	9	11	12	11	12	13	10	6	4	2	1	1	1	6	13
16	0	-1	0	1	0	2	3	5	7	7	8	9	12	13	14	14	5	3	1	0	1	3	2	0	5	14
17	0	0	0	-2	-1	-1	-1	0	0	1	2	4	6	8	7	9	10	10	8	7	7	8	6	4	4	10
18	2	2	2	1	1	1	2	2	5	9	10	10	9	9	9	8	8	7	6	3	3	3	4	4	5	10
19	4	4	4	3	2	2	5	7	8	9	6	10	12	13	14	13	12	11	10	9	8	9	8	6	8	14
20	5	4	1	1	2	1	2	7	10	11	12	13	13	15	15	16	17	17	15	13	13	13	14	14	10	17
21	13	11	9	9	7	9	10	12	15	15	17	19	18	18	18	18	17	17	17	16	14	13	12	10	14	19
22	10	10	11	13	13	14	16	17	19	21	22	22	21	17	16	18	20	19	21	19	16	13	13	12	16	22
23	9	10	10	10	11	10	12	11	11	13	14	15	15	15	16	17	18	14	12	12	11	10	9	10	12	18
24	8	4	3	1	0	2	5	6	8	13	16	17	17	19	18	20	20	20	16	13	14	14	14	14	12	20
25	12	9	10	10	7	6	9	16	18	19	15	18	19	21	21	17	8	5	3	3	4	4	4	4	11	21
26	4	3	1	0	0	2	-1	-2	-1	-1	1	3	2	4	6	6	4	1	-1	-1	-1	0	0	0	1	6
27	0	0	-1	-2	-1	0	3	4	1	3	5	8	10	10	11	14	15	11	10	17	9	6	4	3	6	17
28	3	3	2	2	1	2	3	5	8	11	14	15	17	18	18	18	19	18	15	12	12	12	11	11	10	19
29	7	6	7	7	4	5	8	11	14	14	15	16	18	18	18	19	18	18	14	12	11	8	7	8	12	19
30	6	7	9	8	6	4	6	8	10	12	14	14	13	14	17	17	17	16	15	13	12	8	7	6	11	17
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6	6	5	5	4	4	5	8	9	11	12	14	14	15	15	15	14	13	12	10	9	9	8	7	10	[ ]
SD	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	5	6	6	5	4	4	4	4	3	[ ]

OUTPT (VERSION N (6 APR 76)

```
WIND SPEED @ 10M
(MILES/HOUR)
                                                                                    ********************
                                              WHITE RIVER SHALE PROJECT,UTAH        *                  *
                                                                                    * PRELIMINARY DATA *
                                              SITE A 12                             * AS OF 01/JUL/76  *
                                                                                    *                  *
                                              FEBRUARY,1976                         ********************
                                                                                    *                  *
                                              AEROVIRONMENT INC.                    *    SUBJECT TO    *
                                                                                    *     REVISION     *
                                                                                    *                  *
                                                                                    ********************

                                         CLOCK HOUR  [LOCAL STANDARD TIME]
   D                                                                                                                                                         P
   A                                                                                                                                                         E
   T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23 AVE     A
   E                                                                                                                                                         K

   1   2.5   4.0   5.5   4.0   4.0   4.5   4.5   4.5   4.5   4.5   6.0   5.0   6.0   5.5   4.0   3.5   2.5   2.5   2.5   1.5   2.5   4.5   2.5   3.0 4.0   6.0
   2   4.0   6.5   3.0   3.5   2.5   2.0   4.5   4.5   4.5   2.5   5.5   6.0   2.5   6.0   1.5   4.0   4.0   3.0   1.5   1.5   2.0   2.0   2.5   2.5 3.5   6.5
   3   2.5   2.5   4.0   2.5   4.5   2.5   2.5   2.0   2.5   4.5   5.5   2.5   3.5   5.0   5.0   2.5   1.5   2.5   1.0   3.0   1.5   2.0   2.0   2.5 3.0   5.5
   4   2.5   2.0   3.0  12.5  18.0  15.5  17.0   8.5   7.5  13.5  13.5  14.0  14.5  12.5  11.0  14.5   9.0   5.5   2.0   8.0  10.5   9.0   6.0   5.510.0  18.0
   5  14.0  14.0  11.5  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]13.0  14.0
   6  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]  [RF]   6.0   5.0   5.5   5.0   4.0   5.0   3.5   4.5   4.0   4.0   2.5   2.5   5.0 4.5   6.0
   7   3.5   3.0   4.5   4.0   2.5   1.0   1.5   2.5   2.5   3.0   2.5   3.5   6.0   5.5   6.5   6.0   5.5   3.5   2.0   2.5   2.0   2.5   2.5   2.5 3.5   6.5
   8   2.5   2.0   1.5   2.0   2.0   2.5   1.5   2.0   2.0   3.0   4.5   4.5   5.5   4.0   2.5   4.0   4.0   3.5   4.5   4.5   3.0   4.0   2.5   2.0 3.0   5.5
   9   3.0   2.5   2.0   1.5   2.0   2.5   2.5   3.5   2.0   3.0   2.5   4.0  11.0  10.5  12.0  10.5  26.5  17.5   9.0   7.5   6.0   8.0   4.5   6.0 6.5  26.5
  10   7.0   2.5   4.0   3.5   3.0   5.0   6.0   8.0   4.0   5.0   8.5   8.0   3.0   7.5   9.0   5.5   3.0   3.5   3.0   3.5   2.5   2.5   4.5   6.5 5.0   9.0
  11   3.5   2.0   2.5   3.5   5.5   3.0   2.0   3.0   5.0   3.5   4.0   5.5   6.5   6.5   4.5   6.0   5.0   3.0   1.5   1.0   2.0   2.0   2.0   1.5 3.5   6.5
  12   1.5   2.5   6.0   3.0   2.5   2.0   2.5   2.0   2.5   2.5   6.0   5.5   7.5   3.0   4.5   4.0   6.0   5.0   3.0   3.0   4.0   2.5   2.5   2.0 3.5   7.5
  13   2.5   2.5   5.0   2.5   1.5   1.5   2.5   2.0   2.5   2.5   4.5   6.5   7.0   7.0   6.5   6.0   5.0   4.5   2.0   2.0   1.0   2.0   1.5   2.5 3.5   7.0
  14   4.5   4.0   2.0   2.5   3.0   2.0   2.5   3.5   3.5   4.0   5.5   5.0   5.0   5.0   6.0  10.0   8.5   8.5   7.5   5.5   7.0   5.0   5.0   6.0 5.0  10.0
  15   4.5   4.0   2.5   2.5   2.0   3.5   5.0   2.5   2.5   3.0   5.0   3.0   3.5   4.5   4.0   5.5   5.5   3.5   8.0   2.5   3.5   5.0   4.5   4.0 4.0   8.0
  16   6.0   4.5   7.0   5.0   5.5   6.5   5.5   8.0   9.0   7.0   7.0   6.0   8.0  12.0  12.5  15.5   9.0   4.0   6.0   2.5   6.5   9.5   7.5   8.5 7.5  15.5
  17   5.5  11.5   7.5   9.0  11.5  10.0   7.5   9.5   3.5   8.0   8.5   9.5   7.5   6.5  10.0   7.0   4.0   2.5   3.5   5.5   6.5   6.0   5.5   6.0 7.0  11.5
  18   6.0   3.0   4.5   5.5   8.0   8.0   8.0   7.0   8.0   8.5   8.0  11.5   8.5  12.0  13.0  12.0  10.5   7.5   3.5   2.5   6.0   6.0   4.5   6.0 7.5  13.0
  19   2.5   2.5   2.5   2.5   2.0   2.0   3.5   1.5   2.5   4.0   9.5  11.5   7.0   6.5   9.0   8.0   8.5   7.0   5.0   4.5   3.0   5.0   5.0   2.5 5.0  11.5
  20   4.5   9.0   7.0   4.5   2.5   4.5   7.0  10.5   5.5  12.0  13.5  14.0  12.5  13.5  11.0  12.0  10.0   7.0   5.0   3.5   4.0   3.0   5.0   8.0 8.0  14.0
  21   8.0   7.5   7.5   7.0   7.5   8.5   6.5   5.0   7.5   6.0   3.0   3.0   3.5   3.5   2.5   4.0   6.5   2.5   1.5   2.0   2.5   4.5   4.5   4.0 5.0   8.5
  22   5.0   7.0   6.5   6.0   5.5   6.5   7.0   6.5   6.5   4.0   4.5   5.5   6.0   4.0   4.0   5.0   4.0   2.5   2.0   1.5   1.5   3.0   5.0   6.0 5.0   7.0
  23   6.5   4.0   5.5   6.0   5.0   4.0   4.5   6.0   9.5   3.0   3.5   6.0   4.5   3.5   4.5   4.5   3.0   2.5   2.5   2.0   4.0   2.0   2.5   2.0 4.0   9.5
  24   3.0   2.5   2.5   3.0   2.5   4.5   3.5   2.5   2.5   6.5   4.0   2.5   5.5   2.5   2.5   2.0   2.5   4.0   2.0   2.5   5.0   4.5   4.0   4.0 3.5   6.5
  25   6.0   4.0   2.5   4.5   4.5   4.0   4.5   2.5   3.5   3.5   6.5   4.0   6.0   4.5   6.5   3.5   3.0   5.5   2.5   3.5   5.0   5.5   5.5   6.5 4.5   6.5
  26   2.5   3.0   2.5   6.0   3.5   2.5   3.0   2.5   3.0   3.5   5.5   5.5   6.5   5.0   4.0   4.0   6.0   2.5   2.5   3.5   1.0   3.0   2.5   5.0 3.5   6.5
  27   3.0   2.5   3.0   3.5   3.5   4.0   6.0   4.0   2.0   3.0   5.0   5.5   7.0   5.5   6.0   2.5   2.5   2.5   3.0   4.5   6.5   2.5   7.5   5.0 4.0   7.5
  28   2.5   4.5   2.5   2.0   2.5   2.5   2.5   4.0   1.5   4.0   3.5   2.5   2.5   7.0   9.5  10.0  10.5   5.0   6.5   7.0   6.5   6.0   6.5   3.0 5.0  10.5
  29   3.5   3.5   2.5   2.5   3.5   7.5  11.5  11.5  10.0  12.0  15.5  10.0  16.0  20.5  16.0  16.0  13.5   9.5   3.0   4.5   6.0   5.5   3.0   3.0 9.0  20.5
  30 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
  31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

  AV   4.5   4.5   4.5   4.0   4.5   4.5   5.0   5.0   4.5   5.0   6.5   6.5   6.5   7.0   7.0   7.0   6.5   5.0   3.5   3.5   4.0   4.5   4.0   4.5 5.5 [   ]
  SD   2.5   2.9   2.3   2.4   3.5   3.1   3.3   2.9   2.5   3.1   3.3   3.2   3.3   3.9   3.7   4.0   4.8   3.1   2.1   1.8   2.2   2.1   1.7   1.9 2.3 [   ]

OUTPT  [VERSION N   26 APR 76]
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WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	8.0	17.0	12.5	10.0	7.5	10.5	9.0	16.0	18.0	19.0	23.0	19.5	29.5	25.5	25.0	20.5	21.5	13.0	13.0	5.0	4.5	3.0	2.5	14.0	29.5
2	2.0	2.0	4.0	4.5	5.0	3.5	2.5	4.5	3.5	3.5	3.0	6.5	6.5	5.5	6.5	7.5	5.5	3.0	6.5	3.5	3.5	3.0	4.0	4.0	4.5	7.5
3	2.5	5.0	5.5	4.5	4.0	2.5	2.5	2.0	2.0	1.0	2.5	3.0	4.5	5.0	5.0	6.0	4.5	5.5	3.0	2.5	2.5	3.0	5.0	8.0	4.0	8.0
4	3.5	1.5	4.0	4.0	5.0	4.0	3.0	1.5	1.5	2.0	3.0	7.5	6.0	4.0	2.5	3.0	2.5	2.5	3.0	4.5	3.0	2.0	2.0	1.0	3.0	7.5
5	2.5	4.0	4.5	5.5	4.0	3.0	4.0	4.0	6.5	5.5	6.5	7.5	4.0	5.0	4.5	4.5	6.5	3.0	2.0	1.5	2.5	2.5	2.5	3.0	4.0	7.5
6	6.0	4.5	4.5	4.0	4.0	3.5	4.0	3.5	4.5	5.0	5.0	6.0	6.5	4.5	5.5	5.0	4.5	2.5	1.5	2.0	2.5	2.5	2.0	2.5	4.0	6.5
7	2.5	3.5	4.5	4.0	2.5	2.0	2.0	2.5	2.5	3.5	5.5	5.0	5.0	5.0	4.0	4.5	4.5	5.0	2.5	2.0	2.0	1.0	1.5	3.0	3.5	5.5
8	5.0	4.0	3.0	2.5	1.5	2.5	2.5	2.5	2.0	5.0	6.0	6.5	6.0	5.5	4.0	5.0	3.5	3.0	1.5	1.0	2.0	1.5	1.5	2.0	3.5	6.5
9	2.0	2.5	1.5	1.5	2.5	2.5	2.5	1.0	1.0	1.0	2.5	4.5	5.5	5.5	5.0	5.5	3.5	2.0	2.5	2.0	2.5	3.5	2.5	3.0	3.0	5.5
10	2.5	1.5	2.0	4.0	4.0	2.0	2.0	1.0	1.0	3.5	7.0	6.0	5.5	6.0	6.0	5.0	3.5	2.5	2.0	2.0	2.5	4.5	4.0	3.0	3.5	7.0
11	2.5	3.0	2.0	2.0	9.5	10.5	3.5	3.0	5.0	10.0	11.5	11.0	6.5	6.5	7.5	6.0	6.5	9.5	11.5	6.5	3.0	3.0	3.5	2.5	6.0	11.5
12	3.5	3.5	7.0	8.5	9.0	5.5	4.5	5.0	5.0	9.5	7.5	7.5	7.0	7.0	6.5	6.5	4.5	4.0	3.0	2.5	2.5	2.0	4.0	5.0	5.5	9.5
13	6.0	4.5	5.5	7.0	5.5	5.0	2.5	2.5	2.5	3.0	4.5	5.5	6.5	7.5	6.5	5.0	6.0	3.5	2.0	1.5	1.5	2.5	3.5	5.0	4.5	7.5
14	3.5	3.5	2.5	[illegible]	2.5	2.0	2.5	2.5	5.0	3.5	5.0	7.0	4.5	4.5	8.0	3.0	7.5	8.5	8.5	7.0	6.0	2.0	3.0	5.0	4.5	8.5
15	5.5	4.0	5.0	5.5	3.5	3.0	5.5	3.0	3.0	4.5	5.0	6.0	6.5	5.0	3.0	3.0	3.5	2.5	2.0	2.5	6.0	5.5	5.5	6.0	4.5	6.5
16	5.5	4.5	4.0	3.0	4.0	5.5	4.5	5.0	5.0	4.0	6.0	6.5	5.0	6.5	5.5	3.5	5.0	2.5	1.0	3.0	4.5	5.0	4.0	5.0	4.5	6.5
17	2.5	1.5	2.5	4.5	5.0	2.5	1.5	1.5	2.5	2.5	3.5	3.5	3.5	4.0	6.0	5.0	4.5	3.5	2.5	4.0	4.5	4.0	3.0	4.0	3.5	6.0
18	4.5	3.0	4.0	5.5	4.5	5.0	2.5	2.5	3.0	5.0	6.5	5.0	9.5	15.0	17.5	14.5	11.5	7.0	8.0	10.0	11.5	8.5	7.0	5.5	7.5	17.5
19	5.5	4.5	3.5	2.5	8.0	11.0	13.0	12.5	13.5	13.5	13.5	17.0	14.5	16.0	10.0	10.5	11.0	8.5	7.0	7.5	9.0	7.5	4.0	4.0	9.5	17.0
20	3.5	5.0	11.0	11.0	10.0	7.5	6.5	3.0	6.5	7.0	7.0	6.5	5.5	5.5	4.5	5.0	6.5	6.0	5.5	5.5	4.5	2.0	2.5	2.5	6.0	11.0
21	3.5	5.5	5.0	5.0	7.5	7.0	8.0	7.0	6.5	12.0	10.5	9.0	11.0	14.0	13.5	10.0	9.0	8.0	7.0	3.0	2.5	3.5	4.5	5.0	7.5	14.0
22	4.0	4.0	5.5	8.0	7.5	5.5	6.5	5.5	5.0	5.5	7.0	5.5	6.0	6.0	3.5	11.5	14.0	9.5	3.0	5.5	2.5	6.0	7.5	6.0	6.5	14.0
23	12.5	12.0	9.0	9.0	6.5	4.0	3.0	6.0	13.0	29.0	12.5	16.0	12.0	9.5	8.0	13.0	11.5	10.0	10.0	2.0	4.5	3.5	6.5	5.5	9.5	29.0
24	4.0	7.0	5.5	5.5	6.5	5.0	3.0	4.5	4.0	5.5	6.0	6.5	6.0	10.5	11.0	11.5	10.0	9.0	7.5	2.5	13.0	12.0	14.5	14.5	7.5	14.5
25	9.5	8.0	10.0	6.0	8.5	11.5	11.5	12.0	11.0	12.0	9.0	4.0	5.0	6.0	7.5	7.0	9.0	4.5	5.5	3.5	2.5	3.0	3.0	2.5	7.5	12.0
26	3.0	3.0	5.0	4.0	4.0	6.0	5.5	8.5	8.5	4.0	5.5	7.0	6.0	5.5	4.0	5.0	8.0	10.5	7.0	4.0	4.5	4.0	5.0	3.5	5.5	10.5
27	6.0	5.0	3.5	1.5	1.5	3.0	2.5	5.0	5.5	10.5	16.5	19.5	16.5	17.0	17.0	11.0	9.5	10.5	12.5	4.5	4.0	4.0	3.5	5.5	8.0	19.5
28	3.0	3.5	2.5	2.0	2.0	4.5	5.5	3.5	4.0	3.0	4.5	6.5	5.0	7.0	8.5	8.5	8.5	7.0	7.5	4.0	2.0	1.0	2.0	2.0	4.5	8.5
29	1.5	1.5	2.0	3.0	1.5	1.5	3.0	5.5	3.0	8.0	7.5	6.5	9.5	10.0	10.0	8.5	9.5	9.0	2.5	5.0	3.5	2.5	2.5	1.5	5.0	10.0
30	2.0	2.5	3.0	1.5	2.5	2.5	4.0	6.0	3.5	3.5	4.5	5.0	5.0	6.5	5.0	4.5	3.0	2.5	3.0	2.5	4.0	4.5	3.5	4.0	3.5	6.5
31	5.0	3.5	6.0	4.5	6.0	6.0	4.5	6.0	4.0	6.5	6.0	5.0	7.0	6.5	4.5	7.0	8.5	10.5	7.0	4.0	5.5	7.0	6.0	6.5	6.0	10.5
AV	4.0	4.0	5.0	5.0	5.0	4.5	4.5	4.5	5.0	7.0	7.0	8.0	7.5	8.0	7.5	7.5	7.5	6.5	5.0	4.0	4.0	4.0	4.0	4.0	5.5	[ ]
SD	2.3	2.2	3.1	2.7	2.6	2.6	2.8	2.8	3.6	5.6	3.9	4.6	3.7	5.2	4.9	4.4	3.8	4.1	3.4	2.6	2.6	2.3	2.4	2.5	2.4	[ ]

OUTPT (VERSION N 26 APR 76)

Data Documents/Inc.

3

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

APRIL,1976

AERDVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	3.0	2.0	1.5	1.5	2.0	3.0	2.5	2.0	15.0	18.5	20.5	20.5	19.0	20.5	22.5	20.5	18.0	14.5	7.0	5.0	6.0	5.5	5.0	10.0	22.5
2	2.5	4.5	5.0	4.5	5.0	6.0	7.0	7.0	7.0	3.0	6.0	6.0	7.0	9.0	8.5	6.5	6.0	5.0	3.0	3.0	6.0	6.5	4.5	5.5	5.5	9.0
3	4.0	3.5	4.0	4.0	4.0	4.5	4.0	4.5	4.5	4.5	6.5	5.0	6.0	6.5	7.5	9.0	8.5	6.5	3.5	4.5	7.5	8.0	5.5	5.5	5.5	9.0
4	4.0	4.0	6.5	5.5	4.5	4.5	5.5	5.0	4.0	6.5	7.5	7.5	6.5	6.0	6.0	7.0	10.0	3.5	3.0	3.0	3.5	1.5	3.5	5.5	5.0	10.0
5	5.5	4.5	2.5	5.0	5.0	2.5	4.0	5.5	3.5	7.5	4.5	4.0	8.0	12.5	14.5	18.0	12.5	6.0	12.5	4.0	4.5	3.0	1.5	3.0	6.5	18.0
6	3.0	5.5	2.0	6.0	9.0	7.5	6.0	6.5	10.0	12.5	11.5	9.0	8.0	12.5	14.5	18.0	12.5	6.0	12.5	4.0	4.5	3.0	1.5	3.0	8.0	16.0
7	3.0	5.5	2.0	6.0	9.0	7.5	6.0	6.5	10.0	12.5	11.5	9.0	4.5	7.0	4.5	5.5	7.0	7.5	6.5	4.5	2.5	2.5	3.5	2.5	6.0	12.5
8	2.0	2.5	2.5	2.5	2.5	3.5	2.0	4.0	3.0	3.0	6.0	5.0	5.5	4.5	7.0	9.5	11.5	10.0	6.5	2.0	3.5	4.5	3.0	3.0	4.5	11.5
9	5.0	2.5	1.0	1.5	2.5	3.0	4.0	6.0	5.0	10.5	8.5	9.5	9.5	7.0	6.5	8.5	9.5	10.0	12.0	7.5	3.5	2.5	2.0	4.0	6.0	12.0
10	5.5	4.0	3.5	5.5	5.5	7.0	2.5	4.5	3.0	6.5	5.5	5.0	4.5	6.0	5.0	6.5	7.5	6.5	3.0	3.5	7.0	6.5	5.0	6.0	5.0	7.5
11	5.0	5.0	3.0	4.0	5.0	6.5	6.5	5.0	3.5	5.5	7.0	5.0	5.0	13.0	14.5	14.5	13.5	13.0	6.5	3.0	4.5	6.5	4.5	6.0	7.0	14.5
12	4.0	4.0	2.5	4.0	4.5	4.5	3.5	6.5	11.0	15.5	14.5	20.0	16.5	16.0	12.0	15.0	19.0	14.5	16.0	11.5	9.5	10.0	10.5	9.0	10.5	20.0
13	6.5	7.0	4.0	2.5	3.0	2.0	2.0	3.5	17.0	19.5	17.5	17.0	14.5	17.0	15.0	16.0	18.0	10.5	11.0	5.0	2.0	4.5	3.0	2.0	9.5	19.5
14	2.5	2.5	2.5	1.5	1.5	1.5	1.5	4.5	6.0	6.5	12.0	12.5	11.5	11.5	10.0	6.0	9.0	2.5	8.0	7.5	5.5	3.0	3.5	7.5	6.0	12.5
15	3.5	5.0	3.0	1.5	4.5	2.5	3.5	10.5	14.0	15.5	17.5	18.0	17.0	17.0	16.5	15.0	16.0	13.0	11.0	8.5	5.5	5.0	2.5	2.0	10.0	18.0
16	2.0	2.0	2.0	1.5	2.0	2.5	2.5	2.5	7.5	7.0	8.5	11.0	8.5	5.0	8.5	6.5	11.5	15.5	5.0	2.5	3.5	3.0	3.0	3.0	5.5	15.5
17	2.5	5.0	2.5	1.5	2.5	2.5	2.5	3.0	2.5	3.5	3.5	8.0	9.5	8.0	4.0	7.0	5.5	4.0	3.5	4.5	2.5	4.5	3.0	6.5	4.5	9.5
18	5.0	4.5	3.5	3.5	6.5	4.5	4.0	7.0	6.0	5.0	4.0	4.5	6.5	6.0	10.0	10.5	13.0	12.5	5.5	5.0	6.5	7.5	7.0	4.5	6.5	13.0
19	2.5	2.0	4.5	5.5	2.5	2.0	4.0	5.0	3.0	6.0	5.5	3.0	4.0	4.0	3.5	4.0	3.0	3.0	2.0	2.0	2.5	3.0	5.5	2.5	3.5	6.0
20	2.5	3.5	4.5	2.5	3.5	4.0	4.5	4.5	5.0	5.0	5.5	5.5	5.5	5.0	5.5	5.5	5.0	4.5	5.0	5.0	6.5	8.0	6.5	4.5	5.0	8.0
21	4.0	9.5	10.0	3.0	5.5	5.0	9.0	6.5	5.0	7.0	9.5	9.0	11.0	13.0	7.5	8.5	6.0	5.0	5.5	4.0	4.0	6.0	5.0	7.0	7.0	13.0
22	7.0	8.5	3.0	2.0	8.0	6.0	10.5	9.0	11.5	12.5	12.0	12.5	11.5	12.0	13.5	4.5	5.5	5.0	8.5	4.0	5.5	10.0	9.0	5.0	8.0	13.5
23	4.5	3.0	4.0	3.5	4.0	5.5	3.5	6.0	6.0	8.5	12.0	12.5	15.0	15.0	11.5	13.0	12.5	14.5	7.0	7.5	2.5	1.5	6.5	6.0	7.5	15.0
24	5.0	5.0	4.5	5.5	6.0	7.0	7.0	8.5	3.5	6.5	4.5	4.0	5.0	5.5	4.5	5.5	4.0	3.5	2.5	4.0	2.5	2.5	5.0	6.5	5.0	8.5
25	5.0	3.5	4.0	2.5	1.0	2.5	4.5	7.0	12.5	17.0	10.5	10.0	18.0	22.5	25.0	21.5	18.0	15.5	8.0	4.5	4.5	3.0	2.0	2.5	9.5	25.0
26	4.5	4.5	6.5	4.0	6.0	10.0	6.0	7.5	4.0	2.5	7.5	12.0	7.0	6.5	5.5	6.5	6.5	7.5	7.5	3.5	2.0	3.5	3.0	2.5	5.5	12.0
27	4.0	2.5	3.0	2.0	2.5	2.5	4.0	3.5	4.0	4.0	4.0	5.5	6.5	4.0	5.5	6.0	6.5	6.0	9.0	4.5	2.5	2.5	3.0	3.5	4.0	9.0
28	4.0	4.5	3.5	3.5	5.0	5.5	5.5	3.5	4.0	6.0	6.0	5.5	8.5	7.0	7.0	6.5	5.0	5.0	6.5	2.5	6.5	6.5	5.5	4.0	5.5	8.5
29	4.0	2.5	1.5	2.5	4.0	3.5	4.0	5.5	3.0	4.0	3.0	5.0	7.5	8.0	8.0	7.0	10.0	14.0	11.0	6.5	3.0	2.0	4.0	3.0	5.5	14.0
30	4.5	5.0	2.0	2.5	4.0	2.5	3.5	6.0	8.5	10.0	10.0	10.5	9.5	9.5	9.0	8.5	8.0	8.5	6.0	3.5	3.0	3.0	5.5	6.5	6.0	10.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	4.0	4.5	3.5	3.5	4.5	4.5	4.5	5.5	6.5	8.5	8.5	9.0	9.5	10.0	9.5	10.0	10.0	8.5	7.5	4.5	4.5	4.5	4.5	4.5	6.5	[ ]
SD	1.3	1.7	1.8	1.6	2.0	2.1	2.0	1.9	3.8	4.6	4.2	4.8	4.4	4.9	5.1	5.2	4.7	4.4	3.7	2.1	1.9	2.4	2.1	1.8	1.8	[ ]

OUTPT [VERSION N 26 APR 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	115	125	135	145	140	145	150	150	95	90	330	330	310	305	330	315	275	330	15	120	75	145	65	140	7	
2	145	145	70	125	75	85	145	145	150	200	315	325	20	315	305	305	340	70	95	140	120	110	60	120	7	
3	100	80	155	105	95	335	75	45	140	190	315	290	285	295	305	205	235	210	205	175	230	80	90	20	5	
4	320	125	70	170	170	175	165	170	150	170	185	180	150	155	160	155	155	145	30	150	165	170	155	45	8	
5	170	170	170	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	9	
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	320	335	310	295	300	310	315	320	320	325	305	340	325	15	
7	315	310	310	305	265	230	255	320	320	300	340	290	310	310	315	315	305	310	0	25	335	10	95	110	[VA]	
8	135	65	35	130	10	265	105	80	90	310	315	320	310	305	285	305	315	325	325	325	355	310	310	315	15	
9	305	305	35	285	165	10	290	145	215	0	340	310	310	300	305	5	160	165	165	155	155	220	15	145	15	
10	145	140	135	135	135	135	140	140	125	145	170	305	330	305	300	275	250	15	115	115	90	70	115	140	6	
11	125	355	25	125	125	60	45	115	120	325	305	320	310	310	305	305	305	310	70	95	110	130	65	85	15	
12	75	105	120	65	50	70	85	40	135	315	305	305	310	305	300	295	315	315	60	130	45	0	20	155	15	
13	230	100	125	15	70	110	5	90	120	315	300	315	305	305	305	305	315	335	75	115	355	140	115	130	[VA]	
14	130	135	105	285	160	20	0	0	135	10	330	320	310	0	145	255	65	140	150	140	150	140	140	155	7	
15	125	110	50	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	310	310	330	300	330	235	325	35	290	95	135	150	120	145	15	
16	140	140	135	140	150	155	155	160	155	150	320	265	185	155	155	160	185	25	155	130	160	160	160	170	8	
17	150	260	195	265	275	285	285	25	5	275	285	290	245	315	275	265	290	260	120	145	145	150	150	185	[VA]	
18	160	145	135	170	160	160	165	170	175	245	290	300	295	265	275	275	285	285	310	50	130	145	145	160	8	
19	85	65	40	340	55	70	90	125	40	345	305	325	315	310	320	320	345	290	260	55	55	335	310	95	15	
20	40	285	295	280	325	280	295	315	315	350	325	325	310	315	320	325	325	330	15	125	130	125	135	130	15	
21	130	135	125	135	135	140	145	145	145	145	155	305	295	275	335	295	305	335	110	115	75	140	145	150	7	
22	130	150	145	135	130	140	140	140	140	150	315	325	295	300	315	305	305	235	40	85	140	95	135	150	7	
23	140	130	135	140	145	140	145	125	145	20	320	325	300	305	295	295	265	285	95	115	125	120	95	50	7	
24	110	120	35	130	330	30	335	5	115	315	340	295	305	315	140	340	270	290	130	95	125	130	125	135	7	
25	110	105	90	120	115	115	120	75	115	300	325	325	290	285	285	275	275	155	125	115	135	140	130	155	6	
26	75	80	120	125	85	130	120	135	120	310	325	310	295	290	290	300	295	210	125	140	100	40	115	135	7	
27	115	115	110	130	135	140	145	120	20	345	340	0	300	290	300	0	265	270	130	115	140	80	120	145	6	
28	55	125	55	115	110	115	115	60	145	295	310	300	215	235	155	160	170	170	150	135	140	150	160	190	7	
29	45	15	10	55	290	225	170	170	165	175	170	170	155	155	155	160	165	165	120	150	150	145	155	185	8	
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	[VA]	6	7	[VA]	7	7	7	7	7	15	15	[VA]	15	14	15	14	15	15	7	6	7	7	7	8	7	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	160	155	165	170	170	170	175	175	165	165	170	175	160	165	170	170	180	165	175	280	340	335	155	185	(VA]	
2	160	155	165	170	170	170	175	175	165	255	275	305	300	280	290	270	325	275	265	150	145	140	135	145	9	
3	110	145	125	120	130	70	85	65	150	290	45	350	305	305	305	305	285	335	20	265	80	355	320	340	15	
4	315	0	110	120	145	145	140	105	245	280	315	325	310	340	25	70	85	120	120	145	155	130	120	95	6	
5	110	125	115	120	115	55	90	140	145	150	315	320	310	315	340	310	315	300	155	130	125	115	65	105	6	
6	145	145	140	150	155	100	140	90	140	20	320	325	315	340	315	310	315	310	70	130	135	125	60	75	7	
7	75	115	130	140	55	65	50	70	135	330	310	325	305	305	350	330	290	300	330	125	100	70	140	135	15	
8	130	135	140	50	60	125	135	100	205	310	315	320	305	305	310	315	305	300	165	135	125	45	85	125	(VA]	
9	135	125	85	90	105	125	90	65	20	315	315	325	310	305	305	305	290	250	135	100	90	140	55	45	15	
10	70	95	65	100	145	90	40	30	115	300	310	315	310	310	305	300	295	270	125	115	95	145	90	135	15	
11	10	25	35	5	150	145	155	270	310	170	160	170	170	350	265	250	255	270	280	270	140	140	150	140	8	
12	0	330	110	95	95	345	305	335	0	50	15	345	295	285	320	295	290	295	320	105	120	125	140	155	16	
13	145	130	135	150	145	145	140	115	55	335	305	305	305	290	270	290	295	265	180	85	85	95	145	145	7	
14	40	5	105	5	345	40	70	140	105	285	315	320	295	345	310	70	230	190	250	235	315	110	120	130	15	
15	100	110	115	125	115	105	135	115	315	280	340	320	270	330	180	85	350	75	75	135	140	140	150	125	6	
16	125	130	105	130	135	130	145	130	105	325	310	315	295	295	285	285	295	300	10	120	120	130	130	135	7	
17	125	45	130	135	130	75	80	115	45	345	335	355	335	340	295	310	290	290	145	120	125	120	120	125	7	
18	110	115	70	125	135	130	45	120	110	305	315	340	80	155	155	145	155	155	160	160	155	160	170	160	7	
19	150	140	145	90	235	275	280	280	275	270	275	285	270	275	245	260	275	225	255	265	275	290	300	15	13	
20	75	255	260	270	270	275	300	245	250	265	260	250	320	315	240	300	215	195	165	145	60	45	90	50	13	
21	125	135	115	120	135	135	140	180	315	275	255	260	270	275	270	275	265	270	255	175	105	115	140	145	7	
22	130	125	135	140	140	130	130	125	25	310	310	315	290	295	225	145	150	150	145	140	75	135	135	100	7	
23	160	165	150	155	220	175	70	0	170	175	170	180	175	190	190	320	170	235	300	30	110	75	130	140	8	
24	120	135	115	115	120	120	115	125	110	320	310	295	320	310	185	180	195	180	155	125	160	160	155	165	8	
25	155	145	150	140	150	165	275	275	280	270	315	245	135	100	35	30	0	200	120	155	30	60	95	120	8	
26	110	110	115	120	130	135	130	135	135	55	95	140	205	315	295	55	145	150	145	155	145	145	130	110	7	
27	125	120	105	30	0	105	95	110	125	125	145	150	155	155	165	170	200	275	280	345	135	145	220	260	7	
28	5	80	70	45	90	120	125	40	345	290	275	200	240	260	285	295	285	295	305	20	100	45	115	50	14	
29	20	40	90	110	40	130	115	115	345	285	275	335	0	315	290	300	295	15	155	350	270	15	80	50	14	
30	45	50	75	90	90	110	125	135	35	120	35	325	145	300	330	185	240	300	30	120	115	125	120	125	6	
31	130	120	120	135	140	135	125	125	25	300	305	270	310	280	280	140	150	160	150	130	125	135	130	130	7	
PV	7	7	7	6	[VA]	6	7	6	7	14	15	[VA]	14	15	14	14	14	[VA]	[VA]	7	7	[VA]	6	7	7	

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WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PHEV	PEAK
1	125	75	95	35	90	125	115	195	40	150	155	170	160	155	155	165	165	170	170	150	160	150	125	55	8	
2	90	120	130	130	135	130	125	130	160	340	295	285	280	295	305	290	290	300	65	135	130	140	135	145	7	
3	115	125	135	135	130	135	130	110	335	310	300	300	305	285	300	300	295	300	15	120	125	130	135	130	7	
4	65	125	125	120	115	120	130	120	70	300	295	305	340	315	15	65	145	140	135	125	115	120	125	130	[VA]	
5	130	130	45	115	125	135	130	135	245	315	315	280	160	110	115	140	135	125	140	115	140	125	40	135	7	
6	140	130	105	145	160	165	150	150	155	150	165	180	160	110	115	140	135	125	140	115	140	125	40	135	7	
7	140	130	105	145	160	165	150	150	155	150	165	180	315	320	65	30	40	55	75	100	135	150	120	95	7	
8	100	125	120	90	115	100	65	115	315	320	295	245	255	305	65	125	130	140	145	125	125	110	105	120	6	
9	140	120	90	135	75	50	75	95	20	180	220	185	210	220	230	240	265	300	300	290	65	75	105	125	4	
10	120	130	120	130	130	130	355	130	20	330	350	280	315	285	285	280	290	310	15	120	130	135	130	140	7	
11	115	125	70	130	130	130	140	120	320	310	300	295	285	145	150	160	160	160	165	130	125	130	135	135	7	
12	105	140	95	115	120	120	110	125	145	155	130	150	165	140	115	115	125	135	135	125	140	140	145	155	7	
13	145	150	140	130	120	100	90	130	155	155	150	145	160	160	160	155	145	170	165	130	35	125	90	65	[VA]	
14	130	60	60	140	125	65	75	130	130	145	135	150	140	170	180	125	170	290	165	115	140	345	160	120	7	
15	85	130	130	150	145	140	140	165	165	160	160	165	160	160	160	150	165	160	175	305	290	290	290	75	8	
16	90	25	15	300	30	65	115	110	130	155	85	340	265	10	260	10	155	165	40	60	100	240	320	105	5	
17	205	325	315	350	10	315	345	325	310	305	20	295	310	20	30	315	30	100	105	135	140	265	40	160	15	
18	105	150	135	135	140	135	135	145	130	90	65	325	160	125	145	150	150	145	270	170	150	140	155	170	8	
19	145	90	130	145	140	145	135	135	110	130	185	355	40	50	45	285	320	325	55	125	90	310	340	70	7	
20	105	120	125	130	115	115	115	125	130	155	90	185	220	240	325	235	30	250	165	140	140	145	140	130	7	
21	120	145	255	75	125	110	130	135	180	315	230	255	210	210	205	215	320	215	290	330	110	125	125	140	7	
22	135	145	35	40	160	135	155	160	155	150	170	185	170	205	270	135	55	310	160	125	130	255	285	280	8	
23	100	105	350	230	290	300	335	265	225	245	280	275	270	280	265	285	275	275	305	340	105	85	120	130	[VA]	
24	130	130	140	145	140	150	145	135	20	305	310	345	330	280	255	335	355	335	100	130	125	120	130	130	7	
25	110	105	120	320	85	100	115	120	140	140	265	65	150	135	155	185	265	275	340	110	125	155	140	65	7	
26	355	185	125	135	150	155	160	135	30	40	130	135	155	175	190	160	225	280	295	5	145	130	130	145	8	
27	115	115	90	80	45	65	140	100	70	335	35	315	305	285	315	260	295	280	290	335	75	95	120	120	5	
28	125	125	125	125	135	140	125	80	325	295	285	310	295	320	285	245	310	290	325	90	140	145	135	125	7	
29	120	65	50	120	75	120	135	115	80	295	320	350	290	280	320	290	290	310	310	50	95	115	280	355	[VA]	
30	295	300	10	300	325	130	35	10	40	330	25	320	15	10	315	320	325	15	15	5	120	120	120	125	2	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	6	7	6	6	7	6	7	7	[VA]	15	14	15	8	14	[VA]	8	14	14	7	6	6	7	7	7	7	

Data Documents/Inc.

3

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

FEBRUARY,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 01/JUL/76   *
*                    *
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*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-9	-9	-10	-10	-10	-11	-11	-10	-9	-5	-3	1	-2	1	1	1	1	-1	-2	-5	-7	-7	-8	-9	-6	1
2	-10	-11	-10	-11	-11	-11	-11	-10	-8	-2	-3	-3	1	0	3	1	0	-3	-4	-6	-6	-6	-8	-8	-6	3
3	-10	-10	-10	-12	-11	-12	-12	-12	-9	-5	-6	3	3	2	2	3	2	-2	-3	-3	-4	-5	-5	-7	-5	3
4	-8	-10	-1	7	7	8	6	7	7	8	8	8	7	7	9	9	7	6	6	7	7	6	6	6	5	9
5	5	5	6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	6
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-6	-5	-5	-5	-4	-4	-6	-6	-7	-6	-6	-7	-8	-6	-4
7	-9	-8	-9	-10	-11	-11	-11	-10	-8	-6	-4	-5	-4	-4	-4	-5	-4	-7	-9	-10	-10	-9	-10	-10	-8	-4
8	-10	-10	-10	-11	-11	-11	-11	-11	-7	-5	-5	-3	-3	-1	1	0	-2	-5	-5	-5	-5	-4	-5	-4	-6	1
9	-4	-5	-3	-4	-4	-3	-4	-3	-2	0	1	1	2	1	2	4	10	8	5	7	6	4	-1	-2	1	10
10	0	2	1	1	1	1	0	0	1	5	8	7	7	7	7	6	7	4	1	-1	-3	-2	-3	-3	2	8
11	-4	-5	-7	-6	-6	-7	-7	-7	-5	-1	1	1	2	3	2	3	3	2	-1	-4	-3	-4	-4	-5	-2	3
12	-7	-7	-7	-7	-10	-11	-11	-11	-5	-3	-1	0	0	2	3	5	5	2	0	0	0	-1	-3	-4	-3	5
13	-4	-5	-6	-6	-7	-9	-8	-8	-4	0	1	3	2	2	3	3	4	2	-1	-3	-2	-3	-3	-2	-2	4
14	-3	-3	-3	-3	-3	-3	-2	-2	-2	0	2	2	3	6	7	2	1	2	1	0	0	-1	-2	-1	0	7
15	-3	-4	-5	-5	-3	-3	-5	-4	-1	0	2	4	5	6	6	6	5	5	3	1	1	-1	-2	-3	0	6
16	-4	-4	-4	-4	-5	-5	-5	-5	-3	2	3	4	7	7	6	6	6	5	4	3	3	5	3	3	1	7
17	3	1	0	1	1	-1	-1	-1	0	0	1	3	5	6	7	8	7	4	1	0	-1	0	2	3	2	8
18	0	0	1	1	1	1	2	3	5	7	7	7	8	8	8	8	7	6	3	1	0	-1	1	2	4	8
19	0	-3	-3	-3	-4	-5	-4	-6	-2	2	4	3	4	6	9	8	6	1	1	1	0	0	-1	-2	1	9
20	-3	-3	-3	-4	-5	-5	-4	-3	-3	-1	1	0	-1	1	1	0	-2	-3	-4	-8	-10	-11	-12	-11	-4	1
21	-11	-13	-14	-14	-14	-16	-16	-13	-9	-4	-1	-1	0	3	5	2	0	-3	-7	-9	-8	-8	-9	-8	-7	5
22	-11	-9	-9	-11	-12	-14	-15	-15	-11	-4	-4	-3	0	0	1	2	3	0	-6	-9	-10	-10	-10	-9	-7	3
23	-10	-11	-10	-11	-11	-12	-13	-12	-6	-3	-2	-1	-1	3	3	5	6	2	-3	-5	-5	-6	-6	-5	-5	6
24	-6	-7	-6	-5	-4	-2	-2	-2	-1	0	1	3	2	7	12	13	11	6	2	-2	-2	-3	-3	-4	0	13
25	-4	-3	-4	-4	-5	-5	-6	-7	-3	0	4	6	6	7	10	13	11	9	4	2	1	1	0	0	1	13
26	-2	-2	-2	-2	-2	-2	-3	-3	0	1	5	6	6	10	12	12	11	7	4	1	2	-1	-2	1	2	12
27	0	-3	-2	-2	-4	-5	-3	-3	1	6	8	8	9	11	12	13	13	11	6	5	5	3	1	1	4	13
28	1	1	-2	-4	-4	-3	-2	-1	1	1	4	8	8	14	18	15	16	14	10	9	8	8	9	8	6	18
29	4	3	1	2	3	8	10	10	11	13	14	15	16	16	16	16	15	11	10	9	9	9	9	9	10	16
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-4	-5	-5	-5	-5	-6	-6	-5	-3	0	2	3	3	5	6	6	5	3	0	-1	-1	-2	-3	-3	-1	[ ]
SD	5	5	4	5	5	6	6	6	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]

OUTPT (VERSION N 26 APR 76)

TEMPERATURE
[DEGREES C.]

WHITE RIVER SHALE PROJECT, UTAH
SITE A 12
MARCH, 1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	9	7	7	8	8	7	8	10	11	12	14	14	14	15	14	13	12	11	5	2	1	0	0	9	15
2	-3	-4	-3	-3	-4	-5	-6	-3	-2	0	1	-1	-1	-1	-2	-2	-3	-4	-5	-5	-3	-7	-11	-11	-4	1
3	-13	-13	-14	-14	-15	-17	-17	-17	-10	-4	-2	-4	-5	-6	-4	-5	-7	-8	-8	-8	-7	-8	-8	-8	-9	-2
4	-9	-7	-7	-7	-6	-5	-4	-5	-4	-3	-2	-3	-4	-1	1	2	0	-4	-6	-7	-6	-7	-8	-11	-5	2
5	-14	-14	-14	-14	-15	-17	-16	-15	-12	-6	-8	-2	-4	-4	-2	-3	-4	-7	-11	-14	-14	-15	-15	-14	-11	-2
6	-16	-16	-16	-15	-16	-18	-18	-16	-12	-10	-7	-8	-7	-5	-4	-3	-3	-6	-9	-12	-12	-12	-13	-13	-11	-3
7	-15	-14	-13	-14	-14	-14	-14	-11	-6	-6	-4	-2	-1	1	0	-1	-1	-3	-6	-10	-10	-10	-9	-9	-8	1
8	-9	-8	-9	-11	-13	-12	-11	-8	-6	-5	-3	1	2	3	3	4	3	2	-2	-5	-8	-8	-9	-9	-5	4
9	-9	-8	-8	-9	-8	-9	-9	-7	1	2	0	2	5	6	6	6	6	4	1	-1	-3	-3	-3	-4	-2	6
10	-5	-5	-4	-3	-4	-6	-8	-5	2	4	5	6	5	6	8	8	8	7	3	0	-1	-2	1	3	1	8
11	2	2	1	0	2	3	3	2	3	6	9	10	7	2	1	0	2	2	-1	-2	-4	-5	-4	-3	2	10
12	-4	-4	-5	-7	-8	-8	-8	-8	-6	-5	-5	-5	-3	-1	-1	-1	-2	-3	-4	-6	-9	-10	-9	-8	-5	-1
13	-9	-9	-10	-5	-9	-11	-11	-10	-4	-2	-1	1	2	2	2	3	2	2	1	-2	-3	-4	-2	-1	-3	3
14	-1	0	1	0	-2	-2	0	2	2	4	6	6	6	7	7	8	7	6	6	5	1	1	0	-1	3	8
15	-2	-2	-1	-1	0	-1	0	4	6	5	5	5	5	7	8	8	8	7	3	1	1	1	0	-1	3	8
16	-3	-4	-6	-5	-5	-4	-3	1	4	6	7	8	7	8	12	13	12	11	8	4	4	4	4	4	4	13
17	1	1	-1	-1	1	0	0	2	3	7	9	13	14	13	14	15	15	12	9	7	6	4	5	8	7	15
18	6	4	0	1	1	-1	1	3	7	10	12	16	20	19	18	18	17	15	14	14	13	12	12	11	10	20
19	11	10	9	8	9	8	5	4	3	4	5	5	3	3	3	4	3	2	0	1	0	-1	-2	-5	4	11
20	-6	-5	-5	-6	-6	-6	-5	-2	0	1	1	3	4	6	7	7	8	5	3	2	1	0	0	-1	0	8
21	-4	-2	-2	-5	-3	-2	-1	4	6	7	8	9	9	10	11	11	11	11	8	4	2	0	0	0	4	11
22	-2	-2	-1	-2	-3	-3	-2	1	4	8	9	10	9	13	16	16	16	13	10	7	6	5	5	9	6	16
23	10	10	11	13	12	11	7	10	17	17	18	20	16	17	17	17	17	16	12	8	4	6	5	3	12	20
24	2	1	0	1	0	-2	-1	5	9	10	12	13	16	18	20	20	18	16	13	12	14	13	14	14	10	20
25	13	12	12	12	11	12	10	7	6	5	1	-1	1	1	-1	1	0	0	0	0	-3	-6	-7	-7	3	13
26	-6	-7	-7	-7	-7	-8	-8	-4	-1	2	5	5	7	9	12	11	10	6	3	1	1	0	-1	0	1	12
27	1	-1	-2	-4	-5	-5	-5	-1	5	9	10	11	11	12	13	13	11	7	3	0	-1	-1	-1	-1	3	13
28	0	-4	-6	-8	-7	-6	-4	-1	1	3	5	4	6	5	5	6	4	4	2	-3	-7	-6	-7	-7	-1	6
29	-8	-9	-10	-10	-11	-11	-8	-5	-2	1	3	5	5	4	4	4	6	3	3	4	1	-3	-5	-7	-2	6
30	-5	-5	-7	-8	-8	-7	-5	-1	3	6	7	7	8	8	9	11	12	8	4	2	1	0	-1	-2	2	12
31	-1	-3	-4	-4	-4	-4	-3	2	5	7	9	11	12	15	17	17	17	14	9	6	6	4	3	2	6	17
AV	-3	-3	-4	-4	-4	-5	-4	-2	1	3	4	5	6	6	7	7	7	5	2	0	-1	-2	-2	-2	1	[ ]
SD	7	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7	7	6	5	6	7	7	6	[ ]

OUTPT [VERSION N 26 APR 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

APRIL,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 01/JUL/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-2	-5	-5	-5	-5	-4	-4	1	8	15	16	17	19	20	21	21	20	19	17	11	9	8	5	3	8	21
2	4	3	3	-1	-3	-4	-2	2	7	9	10	11	16	17	17	17	17	16	10	6	5	3	3	2	7	17
3	2	2	1	-3	-5	-5	-2	3	7	11	11	14	16	18	20	21	21	21	16	9	6	6	5	5	8	21
4	4	3	1	1	0	0	1	7	11	11	15	17	19	21	20	19	18	18	12	9	7	6	5	5	10	21
5	4	4	3	3	2	3	3	6	7	9	12	15	16	16	17	11	8	7	6	5	5	3	2	2	7	17
6	1	0	0	2	2	2	1	3	5	7	8	7	16	16	17	11	8	7	6	5	5	3	2	2	6	17
7	1	0	0	2	2	2	1	3	5	7	9	7	15	15	16	15	15	14	13	10	8	7	7	8	8	16
8	7	5	3	1	0	0	1	5	9	12	16	17	19	19	19	18	19	19	16	12	9	7	6	6	10	19
9	7	8	7	6	5	4	5	10	16	18	18	19	18	20	18	17	16	14	13	11	6	4	2	2	11	20
10	0	-1	0	2	1	-2	-1	4	9	10	13	16	17	17	18	20	19	18	14	12	8	7	7	5	9	20
11	4	2	1	2	2	0	2	6	9	12	17	20	21	24	24	25	25	23	18	13	11	9	9	8	12	25
12	7	8	8	7	7	7	9	14	18	19	20	19	19	18	16	15	14	15	14	11	10	11	11	11	13	20
13	13	13	9	7	5	7	8	10	11	10	11	12	13	14	14	14	12	10	8	6	5	4	3	4	9	14
14	6	6	6	4	3	3	5	8	10	11	11	11	13	14	10	12	12	9	6	2	2	2	1	1	7	14
15	3	3	2	3	3	3	4	6	9	10	11	12	13	13	13	12	11	10	8	6	4	2	1	-1	7	13
16	1	1	0	-2	-2	-1	1	3	6	10	12	12	14	13	13	12	5	3	3	2	2	1	1	1	5	14
17	0	1	2	2	2	1	1	1	0	0	0	1	3	5	7	9	10	8	7	6	7	7	5	1	4	10
18	0	0	-2	-1	-1	-1	0	3	6	9	10	7	6	6	7	7	7	6	6	2	2	2	2	2	4	10
19	0	1	1	-1	0	-1	1	2	4	5	4	7	10	11	11	13	13	13	10	8	7	6	3	-1	5	13
20	-1	1	1	0	-1	-1	0	4	8	10	11	12	15	14	14	16	18	16	14	12	9	7	6	4	8	18
21	4	10	12	6	3	2	5	10	15	16	18	18	20	20	21	22	21	19	17	15	10	7	7	6	13	22
22	6	6	5	7	11	10	14	16	17	18	19	20	21	20	14	16	17	19	17	12	12	13	12	12	14	21
23	9	8	10	10	9	9	11	13	14	14	14	15	17	16	17	17	17	17	15	10	5	2	2	1	11	17
24	2	3	1	1	0	-1	1	6	8	10	13	15	19	19	20	20	20	19	15	11	7	7	8	7	10	20
25	8	6	6	5	2	3	5	12	17	18	18	19	23	22	22	20	9	8	4	4	2	2	1	1	10	23
26	3	2	1	0	-1	-1	-1	-2	0	2	1	3	3	4	5	6	7	4	2	0	1	3	1	-2	2	7
27	0	0	-1	-2	-2	-1	0	4	6	7	8	8	6	11	11	12	12	12	11	8	4	1	0	0	5	12
28	2	2	0	-1	-1	-2	-1	4	6	8	11	13	15	16	16	18	19	18	14	9	7	6	7	9	8	19
29	9	5	3	2	0	2	4	10	14	15	16	17	17	18	19	19	18	18	17	13	9	7	8	6	11	19
30	7	6	6	7	4	3	6	8	9	11	11	11	12	12	14	15	16	17	16	11	5	3	2	0	9	17
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	4	3	3	2	1	1	3	6	9	11	12	13	15	16	16	16	15	14	11	8	6	5	4	4	8	[ ]
SD	4	4	4	3	4	4	4	4	5	4	5	5	5	5	5	4	5	5	5	4	3	3	3	4	3	[ ]

OUTPT (VERSION N 23 APR 76)

A. METEOROLOGY

2. MISCELLANEOUS DATA

WEATHER LOG

Month Feb Year 76 Location UTAH - White River Shale

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	Ci ⦶ h	—	Snow Patches Muddy	Ci ⦶ h	—	Snow Patches Muddy		
2	Ci ⦶ h	—	Muddy	Ci ⦷ h	-	Muddy	Snow Patches	
3	Cu ⦷ L	—	Muddy	Cu ⦷ L	—	Muddy	Snow Patches	
4	Cu ⊕ L	—	Frozen	Cu ⊕ L	—	Muddy	Snow Patches	
5	[illegible]	Snow	1" Snow	[illegible]	Snow	3" Snow		
6	Cu ⊕ L	—	3" Snow	Cu ⦶ L	—	2" Snow		
7	Cu ⊕ L	—	2" Snow	Cu ⊕ L	-	2" Snow		
8	Cu ⊕ L	—	2" Snow	Cu ⊕ L	-	2 Snow		
9	Cu ⊕ L	Lt Rain	1" Snow	Cu ⦶ L	—	1" Snow	1" Snow Overnight - Freezing Rain	
10	Cu ⦶ L	—	Muddy	O	—	Muddy	Patches of Snow	
11	O	-	Muddy	O	-	Muddy	Patches of Snow	
12	Cu ⦶ L	—	Muddy	Cu ⦶ L	-	Muddy	" " "	
13	O	—	Muddy	O	—	Muddy	" " "	
14	Cu ⦶ L	—	Muddy	Cu ⦷ L	—	Muddy	" " "	
15	Cu ⦶ L	—	Muddy	Cu ⦶ L	—	Muddy	" " "	
16	O	—	Muddy	Cu ⊕ L	—	Muddy	" " "	
17	Cu ⦶ L	—	1" Snow	Cu ⦶ L	—	Muddy	1" Snow Overnight	
18	O	—	Muddy	O	-	Muddy	Snow Patches	
19	O	—	Muddy	Cu ⊕ L	—	Muddy		
20	Cu ⊕ L	—	2" Snow	Cu ⦷ L	—	2" Snow	2" Snow Overnight	
21	O	—	1½" Snow	Cu ⦶ L	-	1½" Snow		
22	O	—	1½" Snow	O	—	1" Snow	Roads Muddy	
23	Cu ⊕ h	—	1" Snow	Cu ⦷ L	—	1" Snow	Roads Frozen Till 1100	
24	Cu ⊕ L	—	1" Snow	O	—	Muddy	Patches of Snow	
25	O	—	Muddy	O	—	Muddy	" "	
26	Ci ⦶ h	—	Muddy	Ci ⦶ h	-	Muddy	" "	
27	Ci ⦷ h	—	Muddy	O	—	Muddy	" "	
28	Cu ⊕ L	—	Muddy	Cu ⦷ L	-	Muddy		
29	Cu ⦷ L	-	Muddy	Cu ⦶ L	-	Muddy		
30								
31								

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦷ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, – Light.

Ground: Wet or dry, frosty, snow depth, etc. 039-WL-P-13

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

WEATHER LOG

Month March Year 1976 Location UTAH-White River Shale o.l

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	Cu ⦷ L	—	Muddy	Cu ⊕ L	Lt Rain	Muddy		
2	Cu ⊕ L	Lt Snow	6" Snow	Cu ⦶ L	Lt Snow	7" Snow	5" Snow Overnight	
3	Cu ⦶ L	—	8" Snow	⊕ L	—	8" Snow		
4	Cu ⊕ L	Snow	7½" Snow	Cu ⊕ L	Rain/Snow	6" Snow		
5	Cu ⦶ h	—	6" Snow	O	—	5" Snow		
6	O	—	5" Snow	O	—	4½" Snow		
7	Cu ⦷ L	—	4½" Snow	Cu ⦶ L	—	4" Snow		
8	O	—	4" Snow	O	—	3" Snow	Roads Muddy	
9	O	—	3" Snow	O	—	2" Snow	Roads Muddy	
10	O	—	2" Snow	Cu ⦶ L	—	1½" Snow	Roads Muddy	
11	Cu ⊕ L	Lt Snow	2" Snow	Cu ⊕ L	Snow	3" Snow	" "	
12	Cu ⊕ L	—	3" Snow	Cu ⦶ L	—	3" Snow	" "	
13	Ci ⦶ h	—	3" Snow	Ci ⦶ h	—	2" Snow	Roads Muddy	
14	Ci ⦶ h	—	2" Snow	Cu ⊕ L	—	2" Snow	" "	
15	Cu ⦶ L	—	2" Snow	Cu ⦶ L	—	1" Snow	" "	
16	Cu ⦶ L	—	1" Snow	Ci ⦶ h	—	Muddy	" "	
17	Ci ⦶ h	—	Muddy	Cu ⊕ h	—	Muddy	Patches of Snow	
18	Cu ⦶ h	—	Muddy	Cu ⊕ L	—	Muddy	" "	
19	Cu ⦶ L	—	Wet	Cu ⊕ L	—	Wet	" "	
20	O	—	Wet	O	—	Damp	" "	
21	O	—	Dry	O	—	Dry		
22	O	—	Dry	Cu ⦶ h	—	Dry		
23	Cu ⦷ L	—	Dry	Cu ⊕ L	—	Dry		
24	S ⦶ h	—	Dry	Cu ⦷ h	—	Dry		
25	Cu ⊕ L	Snow	Wet	Cu ⊕ L	—	1" Snow		
26	O	—	Damp	Cu ⦶ L	—	Dry		
27	Cu ⦶ L	—	Dry	Cu ⊕ L	—	Dry		
28	Cu ⦶ L	—	Damp	Cu ⦶ L	—	Dry	Rain/Snow overnight	
29	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		
30	O	—	Dry	O	—	Dry		
31	O	—	Dry	O	—	Dry		

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦷ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc. 039-WL-P-14

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

WEATHER LOG

Month *April* Year *1976* Location *UTAH, White River Oil Shale*

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	Ci⊕h	—	Dry	Ci⊕h	—	Dry		
2	O	—	Dry	O	—	Dry		
3	O	—	Dry	O	—	Dry		
4	Ci⦶h	—	Dry	Cu⊕L	—	Dry		
5	Cu⊕L	—	Dry	Cu⊕L	Rain	Wet		
6	Cu⦷L	—	Wet	Cu⊕L	Rain	Wet		
7	Cu⦶L	—	Damp	Cu⦶L	—	Dry		
8	Ci⦶h	—	Dry	Ci⦶h	—	Dry		
9	Cu⦶L	—	Dry	O	—	Dry		
10	O	—	Dry	O	—	Dry		
11	O	—	Dry	O	—	Dry		
12	Cu⦶L	—	Dry	Cu⊕L	—	Dry		
13	Cu⊕L	—	Dry	Cu⊖L	—	Dry		
14	Cu⊕L	Lt Rain	Wet	Cu⦷L	Lt Rain	Wet		
15	Cu⦶L	—	Wet	Cu⦷L	Lt Rain	Wet		
16	Cu⦷L	—	Dry	Cu⊕L	Lt Rain	Wet		
17	Cu⊕L	—	Wet	Cu⦶L	—	Dry	Lt Snow Overnight	
18	Cu⦶h	—	Wet	Cu⦶L	Lt Rain	Wet	Rain Overnight	
19	Cu⊕L	—	Wet	Cu⦶L	—	Wet		
20	Ci⦶h	—	Dry	O	—	Dry		
21	Ci⦶h	—	Dry	Cu⦶L	—	Dry		
22	Cu⦷L	—	Dry	Cu⦷L	—	DRY		
23	O	—	Dry	O	—	Dry		
24	Ci⦶h	—	Dry	O	—	Dry		
25	Cu⊖L	—	Dry	Cu⊕L	Rain	Wet		
26	Cu⊕L	Snow	2" Snow	Cu⊕L	Rain	Wet	1" Snow Last Night	
27	Cu⦶L	—	Wet	O	—	Dry		
28	O	—	Dry	Ci⦶h	—	Dry		
29	Ci⦶h	—	Dry	Ci⦶h	—	Dry		
30	Cu⦶L	—	Dry	Cu⦶L	—	Dry		
31								

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦷ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

039-WL-P.15

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

ALL TIMES ARE STANDARD TIME.

B. AIR QUALITY

1. SITE SPECIFIC

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OUTPT  (VERSION N   26 APR 76)

        TOTAL SULFUR
        (MICROGRAMS/CU. METER)
                                                        WHITE RIVER SHALE PROJECT,UTAH       ********************
                                                                                             *                  *
                                                        SITE A  1                            *  PRELIMINARY DATA *
                                                                                             *  AS OF 01/JUL/76  *
                                                        FEBRUARY,1976                        *                  *
                                                                                             ********************
                                                        AEROVIRONMENT INC.                   *                  *
                                                                                             *   SUBJECT TO     *
                                                                                             *    REVISION      *
                                                                                             *                  *
                                                                                             ********************

                                    CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                          P
 A   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  E
 T                                                                                                          A
 E                                                                                                          K

 1    0    5    5    0    5    5    0   10    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   10
 2    0    0    0    0    0    0    0    0    5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    5
 3    0    0    0    5   10    5    0    5    0    5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   10
 4    0    0    5    5    0    5   10    5    5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   10
 5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    5    0    5   10    0    5    5    0   10
 6    0   10    5    0    5    5    0   10    0    0   10    5    0    0    0    0    0    0    0    0    0    0    0    0    0   10
 7    0    0    0    0    0    0    0    0    0    0    5    0    0    0    0    0    0    0    0    0    0    0    0    5    0    5
 8    5    0    0    0    0    5    0    0    5    0    0    5    0    0    0    0    0    0    0    0    0    0    0    0    0    5
 9    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
10    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
11    0    0    0    0    0    0    0    5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    5
12    0    0    0    0    0    0    5    0    5    0    0    0 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)    0    5
13 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)(   ) (   )
14 (CA) (CA) (CA) (CA) (CA) (CA) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
15 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
16 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)(   ) (   )
17 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)(   ) (   )
18 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)(   ) (   )
19 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
20    0    0    0    5    0    0    5    0    5    0    0    0    0    0    0    5    0    0    0    5    5    0    5   10    0   10
21    5    0   10    0    5    5    0    5    5    0   10    5    0    0    0    0    0    0    0    5    0    5    5    0    5   10
22    0    5    0    5    5    0    5    5    0    5    0    0    5   10   20   10   10    5    5   10   10   10   15   15    5   20
23   15   20   20   20   20   25   25   25   25   20   15   10    5    0    0    0    0    0    0    0    5    5   10   10   10   25
24   10   10   10   10   10   10   10   10   10   10    5    5    0    0    0    0    0    0    0    0    0    0    0    5    5   10
25    5   10   10   10   15   15   15   15   15   10 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)   10   15
26 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)(   ) (   )
27 (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA) (CA)    5   10   10   10   10   10   10   10   10
28   10   10   10   10   10   10   10   10   10   10   10    5    0    0    0    0    0    0    0    0    0    0    0    0    5   10
29    0    0    0    5    5    5    5    5    5    5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    5
30 (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   )(   ) (   )
31 (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   ) (   )(   ) (   )

AV    5    5    5    5    5    5    5    5    5    5    5    0    0    0    0    0    0    0    0    0    0    0    5    5    5 (   )
SD    4    6    5    5    6    6    7    6    6    5    5    3    2    2    4    2    2    2    2    3    4    3    4    5    4 (   )
```

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 1

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	5	5	5	5	10	5	10	10	10	10	0	0	0	0	0	0	0	0	5	5	5	10	10	15	5	15
3	20	20	25	25	30	30	35	35	35	30	25	20	10	5	0	0	0	0	5	10	10	10	10	10	15	35
4	15	15	15	15	10	15	15	15	15	15	10	5	0	0	0	0	0	0	0	0	5	5	10	10	10	15
5	15	20	20	25	25	30	30	35	35	35	15	10	0	0	0	0	0	0	0	5	10	15	20	25	15	35
6	30	30	30	35	35	35	40	40	40	30	25	15	5	0	0	0	0	0	0	0	5	10	15	20	20	40
7	20	25	25	30	30	30	30	30	30	20	10	0	0	0	0	0	0	0	0	0	0	5	10	10	15	30
8	15	15	20	20	25	25	30	30	25	20	5	0	0	0	0	0	0	0	0	0	0	5	10	10	10	30
9	15	20	20	20	20	25	25	25	25	15	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10	25
10	10	10	15	15	15	20	20	20	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	20
11	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5	5	10	10	10	10	10	5	10
12	5	10	10	15	15	15	20	15	15	10	5	0	0	0	0	0	0	0	0	0	5	10	10	15	5	20
13	15	20	20	20	20	25	25	25	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	25
14	0	0	5	5	5	10	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
15	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	5	5	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	10	10	10	15	15	15	15	15	15	10	5	5	0	0	0	0	0	0	0	0	5	5	5	10	5	[ ]
SD	9	10	10	11	11	12	13	13	13	11	8	6	3	1	0	0	0	1	2	3	4	5	6	8	6	[ ]

OUTPT [VERSION N 26 APR 76]

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TOTAL SULFUR
[MICROGRAMS/CU. METER]
                                                     WHITE RIVER SHALE PROJECT,UTAH    ********************
                                                                                       *                  *
                                                     SITE A  1                         * PRELIMINARY DATA *
                                                                                       * AS OF 01/JUL/76  *
                                                     APRIL,1976                        *                  *
                                                                                       ********************
                                                     AEROVIRONMENT INC.                *                  *
                                                                                       *   SUBJECT TO     *
                                                                                       *    REVISION      *
                                                                                       *                  *
                                                                                       ********************

                                  CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                            P
 A                                                                                                            E
 T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE    A
 E                                                                                                            K

 1 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR]   10     0     0     0     0     0     0     0     0     0     0     0     0     0     0    10
 2     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 3     0     0     0     0     5    10    10     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0    10
 4     0     0     0     0     0     0     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 6     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 7     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 8     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 9     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
10     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
11     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
12     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
13     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
14     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
15     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
16     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
17     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
18     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
19     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
20     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
21     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
22     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
23     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
24     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
25     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
26     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
27     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
28     0     0     0     0     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
29     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
30     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

AV     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0 [   ]
SD     0     0     0     0     1     2     2     1     0     0     2     0     0     0     0     0     0     0     0     0     0     0     0     0     0 [   ]

OUTPT  [VERSION N   26 APR 76]
OUTPT  [VERSION N   26 APR 76]

     HYDROGEN SULFIDE                                      WHITE RIVER SHALE PROJECT,UTAH      ************************
     [MICROGRAMS/CU. METER]                                                                    *  PRELIMINARY DATA    *
                                                           SITE A  1                          *  AS OF 01/JUL/76     *
                                                                                              ************************
                                                           FEBRUARY,1976                      *                      *
                                                                                              *     SUBJECT TO       *
                                                           AEROVIRONMENT INC.                 *      REVISION        *
                                                                                              ************************

                                         CLOCK HOUR  [LOCAL STANDARD TIME]                                                    P
                                                                                                                              E
                                                                                                                              A
D                                                                                                                             K
A     00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE
T
E

 1     5     5     5    10     5     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0    10
 2     0     0     0     0     0     0     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 3     0     0     5    10     5     5    10     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0    10
 4     0     0     0     5    10    10    10    10    10     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     5    10
 5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5     0     5     5     5     5     5     5     0     5
 6     5     5     5     5     5     5     5     5     5     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     5     5
 7     0     0     0     0     0     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5     0     5
 8     5     5     5     5     5     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 9     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
10     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
11     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
12     0     0     0     0     5     0    10     0     5     5     0     0  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]     0    10
13  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA][    ] [    ]
14  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][    ] [    ]
15  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][    ] [    ]
16  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA][    ] [    ]
17  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA][    ] [    ]
18  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA][    ] [    ]
19  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]     0     0     0     0     5     0     0     0     0     0     0     0     0     0     5
20     0     0     0    10     5     5    10     0     5     0     5     5     0     0     0     5     0     0     0     5     5     5    10    10     5    10
21     5     5     5     5     5     5     5     5     5     5     5     5     0     0     0     0     0     0     0     5     0     0     0     0     5     5
22     0     0     0     5     5     5     5     5     5     0     0     0     5     0     0     0     0     0     0     5     5    10    10    10     5    10
23    15    15    15    15    15    20    20    20    20    15    10    10     5     0     0     0     0     0     0     0     0     5     5    10    10    20
24     5    10    10    10    10    10    10    10    10     5     5     5     0     0     0     0     0     0     0     0     0     0     5     5     5    10
25     5    10    10    10    10    10    10    15    10    10  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]    10    15
26  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA][    ] [    ]
27  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]  [CA]     5     5     5     5     5     5     5     5     5
28     5     5     5     5     5     5     5     5     5     5    10     5     0     0     0     0     0     0     0     0     0     0     0     0     5    10
29     0     0     0     0     0     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
30  [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][    ] [    ]
31  [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][    ] [    ]

AV     5     5     5     5     5     5     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     5     5 [    ]
SD     4     4     4     5     4     5     5     5     5     4     3     3     2     1     0     2     1     1     2     2     2     3     3     4     3 [    ]

OUTPT  [VERSION N   26 APR 76]
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HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)
                                                            WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                                *                   *
                                                            SITE A  1                           *  PRELIMINARY DATA *
                                                                                                *  AS OF 01/JUL/76  *
                                                            MARCH,1976                          *                   *
                                                                                                *********************
                                                            AEROVIRONMENT INC.                  *                   *
                                                                                                *    SUBJECT TO     *
                                                                                                *     REVISION      *
                                                                                                *                   *
                                                                                                *********************

                                      CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                           P
  A                                                                                                                           E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE    A
  E                                                                                                                           K

  1     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  2     5     5     5     5     5     5     5     5     5     5     0     0     0     0     0     0     0     0     5     5     5     5    10    10     5    10
  3    15    15    20    20    20    20    25    25    25    20    20    15    10     5     0     0     0     0     5     5     5     5    10    10    10    25
  4    10    10    10    10    10    10    10    10    10    10     5     0     0     0     0     0     0     0     0     0     5     5     5    10     5    10
  5    10    15    15    15    20    20    20    25    25    20    15     5     0     0     0     0     0     0     0     5    10    10    15    20    10    25
  6    20    20    20    25    25    25    25    23    25    20    15    10     5     0     0     0     0     0     0     0     0     5    10    10    10    25
  7    10    15    15    15    20    20    20    20    15    15     5     0     0     0     0     0     0     0     0     0     0     0     5     5    10    20
  8     5    10    10    15    15    15    15    15    15    15     0     0     0     0     0     0     0     0     0     0     0     0     5     5     5    15
  9    10    10    15    15    15    15    15    15    15    10     0     0     0     0     0     0     0     0     0     0     0     0     0     5     5    15
 10     5     5    10    10    10    10    15    15    10     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5    15
 11     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5     5     5     5     5     5     0     5
 12     5     5     5    10    10    10    10    10    10     5     5     0     0     0     0     0     0     0     0     0     0     5     5    10     5    10
 13    10    15    10    10    15    15    15    15    15     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5    15
 14     0     0     0     0     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 15     0     0     0     0     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 16     0     0     0     0     0     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 17     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 18     0     0     0     0     0     0     0     0  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]     0     0
 19  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][    ] [   ]
 20  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 21  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 22  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 23  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 24  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 25  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 26  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 27  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 28  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 29  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 30  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]
 31  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][    ] [   ]

 AV     5     5    10    10    10    10    10    10    10    10     5     0     0     0     0     0     0     0     0     0     0     0     5     5     5[   ]
 SD     6     7     7     8     8     8     9     9     9     7     6     4     3     1     0     0     0     0     2     2     3     3     5     6     4[   ]

OUTPT  [VERSION N   26 APR 76]
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       HYDROGEN SULFIDE
       (MICROGRAMS/CU. METER)
                                                              WHITE RIVER SHALE PROJECT,UTAH      ********************
                                                                                                  *                  *
                                                              SITE A 1                            *  PRELIMINARY DATA *
                                                                                                  *  AS OF 01/JUL/76  *
                                                              APRIL,1976                          *                  *
                                                                                                  ********************
                                                              AEROVIRONMENT INC.                  *                  *
                                                                                                  *    SUBJECT TO    *
                                                                                                  *     REVISION     *
                                                                                                  *                  *
                                                                                                  ********************

                                         CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                           P
  A                                                                                                                           E
  T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE     A
  E                                                                                                                           K

  1  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  2     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  3     0     0     0     0     0     0     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
  4     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  6     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  7     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  8     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  9     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 10     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 11     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 12     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 13     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 14     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 15     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 16     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 17     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 18     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 19     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 20     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 21     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 22     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 23     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 24     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 25     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 26     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 27     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 28     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 29     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 30     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 31  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]  [  ]

 AV     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0  [  ]
 SD     0     0     0     0     0     0     1     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0  [  ]

 OUTPT  [VERSION N   26 APR 76]
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SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	5	5	5	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
2	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
3	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5
4	0	5	5	5	5	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5	0	5
12	0	0	0	0	5	0	0	0	0	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
18	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	5	5	5	5	5	5	0	0	5	5	0	0	0	0	0	0	5	15	15	20	20	5	20
23	20	25	25	25	25	25	30	30	30	25	20	15	5	5	0	0	0	0	0	0	5	15	15	15	15	30
24	15	15	15	15	15	15	15	15	15	15	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	15
25	15	15	15	15	20	20	20	20	20	20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	20	20
26	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
27	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	5	10
29	0	0	5	5	5	5	5	5	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5	[ ]
SD	6	7	7	7	7	7	7	8	8	7	5	4	2	2	0	2	0	1	2	2	4	5	6	6	5	[ ]

OUTPT (VERSION N 26 APR 76)

```
      SULFUR DIOXIDE
      (MICROGRAMS/CU. METER)
                                                     WHITE RIVER SHALE PROJECT.UTAH    **********************
                                                                                       *                    *
                                                     SITE A  1                         *  PRELIMINARY DATA  *
                                                                                       *  AS OF 01/JUL/76   *
                                                     MARCH.1976                        *                    *
                                                                                       **********************
                                                     AEROVIRONMENT INC.                *                    *
                                                                                       *    SUBJECT TO      *
                                                                                       *     REVISION       *
                                                                                       *                    *
                                                                                       **********************

                                      CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                    P
  A                                                                                                                    E
  T   00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE   A
  E                                                                                                                    K

  1    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  2    5     5     5     5     5     5    10    10    10     5     0     0     0     0     0     0     0     0     0     5     5     5    10    15     5    15
  3   15    20    20    25    25    30    30    30    30    25    25    20    10     5     0     0     0     0     5     5    10    10    10    10    15    30
  4   10    10    10    10    10    10    10    10    15    10    10     5     0     0     0     0     0     0     0     0     5     5     5    10     5    15
  5   15    15    20    20    20    25    30    30    30    25    15    10     0     0     0     0     0     0     0     5    10    15    20    20    15    30
  6   25    25    30    30    30    30    35    35    30    25    20    15     5     0     0     0     0     0     0     0     5    10    15    20    15    35
  7   20    20    25    25    30    30    30    30    25    20    15     5     0     0     0     0     0     0     0     0     5     5    10    10    15    30
  8   15    15    20    20    20    25    25    25    25    20     5     5     0     0     0     0     0     0     0     0     0     5    10    10    10    25
  9   15    15    15    15    20    20    20    20    20    10     0     0     0     0     0     0     0     0     0     0     0     0     0     5     5    20
 10    5    10    10    10    15    15    20    15    15     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5    20
 11    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5     5     5    10     5     5     5     0    10
 12    5     5    10    10    10    15    15    15    10    10     5     0     0     0     0     0     0     0     0     0     5     5    10    10     5    15
 13   15    15    15    15    15    20    20    20    20    10     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5    20
 14    0     0     5     5     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 15    0     0     0     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 16    0     0     0     0     5     5     5     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 17    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 18    0     0     0     0     0     0     0     0  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]     0     0
 19 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM][   ] [   ]
 20 [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 21 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 22 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 23 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 24 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 25 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 26 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 27 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 28 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 29 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 30 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 31 [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]

 AV   10    10    10    10    10    15    15    15    15    10     5     5     0     0     0     0     0     0     0     0     5     5     5     5     5[   ]
 SD    8     8     9    10    10    11    12    12    11     9     8     6     3     1     0     0     0     1     2     2     4     4     6     7     5[   ]

 OUTPT  [VERSION N   26 APR 76]
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```
SULFUR DIOXIDE
(MICROGRAMS/CU. METER)
                                                 WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                     *                   *
                                                 SITE A  1                           *  PRELIMINARY DATA *
                                                                                     *  AS OF 01/JUL/76  *
                                                 APRIL,1976                          *                   *
                                                                                     *********************
                                                 AEROVIRONMENT INC.                  *                   *
                                                                                     *    SUBJECT TO     *
                                                                                     *     REVISION      *
                                                                                     *                   *
                                                                                     *********************

                                CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                          P
 A                                                                                                          E
 T   00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE    A
 E                                                                                                          K

 1 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR]   10     0     0     0     0     0     0     0     0     0     0     0     0     0     0    10
 2    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 3    0     0     0     0     0     5     5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5
 4    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 5    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 6    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 7    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 8    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 9    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
10    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
11    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
12    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
13    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
14    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
15    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
16    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
17    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
18    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
19    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
20    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
21    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
22    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
23    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
24    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
25    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
26    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
27    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
28    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
29    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
30    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
31 [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]

AV    0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0 [   ]
SD    0     0     0     0     0     1     1     0     0     0     2     0     0     0     0     0     0     0     0     0     0     0     0     0     0 [   ]

OUTPT  [VERSION N   26 APR 76]
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TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	25	25	20	20	20	25	25	25	25	25	25	25	25	[CA]	65	60	55	55	50	50	50	45	45	35	65
2	45	45	45	45	45	45	45	45	45	45	40	40	40	40	40	40	40	40	40	40	35	35	35	35	40	45
3	35	35	40	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	30	30	35	30	35	40
4	35	30	30	30	30	30	30	30	30	30	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35
5	30	30	30	30	30	30	25	25	25	25	25	25	25	25	25	25	30	25	30	25	25	25	25	25	25	30
6	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
7	25	25	25	25	25	25	25	25	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25
8	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
9	25	25	25	25	25	25	25	20	25	25	25	25	25	25	25	25	25	20	20	25	25	25	25	25	25	25
10	25	25	25	25	25	25	25	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
12	25	25	25	25	25	25	25	25	25	25	25	25	45	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	25	45
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	25	25	25	25	25	25	25	25	25	25	25
15	25	25	25	20	20	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
16	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
17	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
18	25	25	25	25	25	25	25	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
19	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
21	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
22	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
23	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	30	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30
26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
27	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
28	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	25	25	25	25	25	30
29	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	30	25	25	25	25	25	25	25	25	[ ]
SD	5	4	5	5	5	4	4	4	4	4	4	4	5	3	4	8	7	7	7	6	5	5	5	4	4	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	25	25	30	25	25	25	25	25	25	25	25	25	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	25	25	25	25	25	25	25	30
2	25	25	25	25	25	25	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
3	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
4	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
5	25	25	25	25	25	25	25	25	25	25	25	25	25	25	15	5	5	5	5	5	5	5	5	5	15	25
6	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	10	5	10	5	5	5	5	5	5	5	10
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10	10	5	5	5	5	5	5	5	10
8	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	5	5	5	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	5	5	5	5	5	5	10
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	10	5	5	5	5	5	10
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	10
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	5	5	5	10	5	10
13	5	5	5	5	5	5	5	5	5	5	5	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	10
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	15	15	15	15	15	15	10	15	15	10	15	15	15	15	15	15	15	15	15	15	10	10	10	10	15	[ ]
SD	10	10	10	10	10	10	10	10	10	9	10	10	9	9	7	8	8	7	8	9	9	9	9	9	9	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[LI]	[LI]	[LI]	15	15	10	10	10	10	10	10	15
2	5	5	10	5	5	5	5	5	5	5	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	15
3	10	10	10	10	10	5	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	10	10	10	15
4	10	10	10	10	10	10	10	10	10	10	10	15	10	15	10	15	10	15	10	10	10	10	10	10	10	15
5	10	10	10	5	10	10	5	5	5	10	10	10	10	10	10	15	15	10	10	10	10	10	5	10	10	15
6	10	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	5	10	10	5	5	10	10
7	10	10	10	10	5	5	5	5	10	10	10	15	10	10	15	15	15	15	10	10	10	10	10	10	10	15
8	10	10	10	5	5	10	5	5	5	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	15
9	10	10	10	10	10	10	10	5	10	10	10	15	10	10	15	15	15	15	10	10	10	10	10	10	10	15
10	10	5	5	5	5	5	5	5	5	10	10	15	15	10	10	15	15	15	15	15	15	10	10	10	10	15
11	10	5	5	5	5	5	5	5	5	5	10	10	10	15	15	15	15	15	10	15	10	10	10	10	10	15
12	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	15
13	10	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	10	10
14	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	5	5	5	5	10
15	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10
16	5	10	5	10	10	10	10	5	10	10	15	10	10	10	15	15	15	10	10	5	5	5	5	5	10	15
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	5	5	5	10
18	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	5	10	5	5	5	5	5	5	10
19	5	5	5	10	5	5	5	5	10	10	10	20	10	10	10	10	15	10	10	10	10	10	10	10	10	20
20	10	10	5	10	10	5	10	10	10	10	10	15	10	10	10	15	15	15	15	10	10	15	10	15	10	15
21	10	10	10	10	10	10	10	10	10	10	10	15	15	20	15	15	15	15	20	15	15	15	15	15	15	20
22	15	15	15	10	10	10	10	10	10	10	10	20	10	10	5	5	10	5	5	5	5	5	5	5	10	20
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	10
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10
25	5	10	5	5	5	5	5	5	10	5	5	5	10	5	20	15	5	5	0	0	5	0	5	0	5	20
26	0	0	5	5	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	5
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	10	10	5	5	5	5	5	10
30	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	10	10	10	5	5	10	5	5	5	5	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	3	3	3	2	3	2	2	2	2	2	2	4	3	4	3	3	4	4	4	4	3	3	3	3	2	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	5	0	0	5	0	5	5	5	5	5	5	5	[CA]	30	30	25	25	20	20	20	20	20	10	30
2	20	20	20	20	20	20	20	20	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20
3	15	15	15	15	10	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	10
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	0	0	0	0	0	0	5	5
8	0	0	5	0	0	0	0	0	0	0	0	5	5	5	0	0	0	5	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	5
10	5	5	5	0	5	0	5	5	5	5	0	5	5	5	5	5	0	5	0	5	5	5	0	0	5	5
11	0	0	0	5	0	0	0	0	0	0	0	5	0	0	0	0	5	0	5	0	5	5	0	0	0	5
12	0	0	0	0	5	0	5	5	5	5	0	0	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	5	5	0	0	5	5	0	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	6	6	5	6	5	5	5	5	5	4	[ ]

```
HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)
                                                            WHITE RIVER SHALE PROJECT,UTAH     ********************
                                                                                               *                  *
                                                            SITE A  2                          * PRELIMINARY DATA *
                                                                                               * AS OF 01/JUL/76  *
                                                            MARCH,1976                         *                  *
                                                                                               ********************
                                                            AEROVIRONMENT INC.                 *                  *
                                                                                               *    SUBJECT TO    *
                                                                                               *     REVISION     *
                                                                                               *                  *
                                                                                               ********************

                                           CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                                                                 P
 A                                                                                                                                                 E
 T    00    01    02    03    04    05    06    07    08    09    10    11    12    13    14    15    16    17    18    19    20    21    22    23   AVE     A
 E                                                                                                                                                 K

  1     5     5     5     5     0     0     0     0     0     0     0     5  [LI]  [LI]  [LI]  [LI]  [LI]  [LI]     0     0     0     0     0     0     0     5
  2     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  3     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  4     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5     0     0     0     0     0     0     0     0     0     5
  5     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5     0     0     0     0     0     0     0     0     0     0     5
  6     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  7     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  8     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
  9     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 10     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     5     5     5     0     0     0     0     0     0     0     5
 11     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 12     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0
 13     0     0     0     0     0     0     0     0     0     0     0     5  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]     0     5
 14  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [IM]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 15  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 16  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 17  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 18  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 19  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 20  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 21  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 22  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 23  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 24  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 25  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 26  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 27  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 28  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 29  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 30  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]
 31  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR]  [OR][   ] [   ]

 AV     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0 [   ]
 SD     1     1     1     1     0     0     0     0     0     0     0     2     0     0     1     2     1     1     0     0     0     0     0     0     0 [   ]
```

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[LI]	[LI]	[LI]	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	5	5	5	5	[CA]	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	0	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	0	5	5	0	5	5	5	5	5	0	5	0	0	5	5	5	5	5	0	0	0	5	5	5	5
8	0	0	0	0	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5
9	5	5	5	5	0	0	0	0	5	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5	5	5	5
15	5	5	0	5	0	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
18	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	10
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	5	5	5	5	5	5	10
27	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	5	5	5	5	10
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	5	5	5	5	10
29	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	5	10
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	5	5	5	5	5	5	5	5	5	10	5	10	10	5	5	5	5	5	5	5	5	10
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	10
5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	10
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10	5	10	5	5	5	5	5	10
8	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	5	5	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	10	5	5	10	5	5	10
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	10	10	5	5	10	5	10
11	5	5	10	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	10	5	5	5	10	5	5	10
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	10
13	5	5	5	5	5	5	5	5	5	5	5	15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	15
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	5	5	5	5	5	5	5	[ ]
SD	1	2	2	1	0	0	0	0	0	1	0	3	1	2	2	2	2	2	2	2	2	0	2	1	1	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	10	10	10	10	10	5	10	5	5	5	10	10
2	5	5	10	5	5	5	5	5	5	5	5	10	10	10	10	10	10	15	15	10	10	10	10	10	10	15
3	10	10	10	10	10	5	10	10	10	10	10	10	10	15	15	15	20	15	15	15	10	10	10	10	10	20
4	10	10	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	5	5	10	10	5	5	5	10	5	10	10	10	10	10	15	10	10	10	10	10	5	10	10	15
6	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	5	5	10	10	10	5	5	10
7	10	10	10	10	5	5	5	5	5	10	10	10	10	15	15	10	10	10	10	10	10	10	10	10	10	15
8	10	10	10	5	5	10	5	5	5	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	15
9	10	10	10	10	10	10	5	5	5	10	10	10	10	10	15	15	15	10	10	10	10	10	10	10	10	15
10	10	10	5	5	5	5	5	5	5	5	10	10	5	5	5	10	10	10	10	10	10	10	5	10	10	10
11	10	5	5	5	5	5	5	5	5	5	5	10	10	10	10	15	15	10	10	10	10	10	10	10	10	15
12	10	10	10	10	10	5	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	5	5	10	5	5	5	10	10	10	5	5	10	10	10	10	10	10	10	10	10	5	5	5	10	10
14	10	5	5	5	5	5	5	5	5	5	5	10	5	10	10	10	10	10	10	10	10	5	5	5	5	10
15	10	5	5	5	10	10	10	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	5	10	10	10	10	15
17	5	10	5	10	10	10	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	5	5	10	10	10
18	5	5	5	5	5	5	5	10	5	10	10	10	10	10	10	5	10	10	10	5	10	10	5	5	10	10
19	10	5	5	10	10	5	5	5	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	15
20	10	5	10	10	10	10	10	10	10	10	10	15	10	10	10	15	15	15	15	15	15	15	15	10	10	15
21	15	10	15	10	10	10	10	10	10	10	10	10	15	15	15	20	15	15	20	15	15	15	15	15	15	20
22	15	15	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	10	15
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	10
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	5	5	5	5	5	5	10	5	10	5	10	5	10	10	10	10	10	5	10	10	10	10	10	10
30	10	5	5	10	10	5	5	5	5	10	10	10	10	5	10	10	5	5	5	10	5	5	5	5	5	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	4	3	3	3	3	3	2	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1160	1050	1110	1440	1110	1360	1310	1510	1570	1310	980	850	1160	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1230	1570
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	850	[CA]	1640	2160	1900	1950	1900	1510	1770	1640	1380	1570	1380	1050	1590	2160
8	1230	1040	1050	1240	1130	1120	1200	1070	1120	1100	1420	1190	1340	1240	1300	1240	1350	1320	1460	1330	1060	1210	1170	1340	1220	1460
9	1120	1310	1040	1240	1180	1010	1360	1060	1310	1290	1140	1400	1460	1360	1360	1140	990	990	930	770	760	1020	1150	1170	1150	1460
10	1110	920	790	790	790	790	790	850	790	790	850	[CA]	1110	850	920	850	850	920	980	850	850	850	1050	850	880	1110
11	920	850	880	1020	950	1020	930	800	850	1010	900	1020	1040	1040	980	1090	1260	1100	1080	1120	1020	1040	1070	1140	1010	1260
12	1420	1330	1400	1410	1400	1400	1330	1390	1330	1390	1320	1430	1350	1330	1250	1500	1640	1530	1530	1540	1620	1720	1570	1680	1460	1720
13	1510	1330	1640	1570	1570	1440	1570	1440	1440	1440	1440	[CA]	1380	1240	1240	1240	1310	1510	1440	1570	1510	1700	1570	1510	1460	1700
14	1310	1510	1570	1510	1380	1310	1360	1380	1570	1510	1410	1700	[CA]	[CA]	1440	1110	1050	1110	980	920	1310	1050	1110	980	1380	1700
15	790	920	1180	980	1240	980	920	920	1110	920	790	[CA]	[CA]	[CA]	[CA]	1050	1050	920	980	980	1110	1050	790	1050	990	1240
16	920	1110	980	1050	720	790	720	920	850	1050	1050	590	[CA]	920	1050	1110	980	720	720	850	850	590	790	1050	890	1110
17	560	630	670	930	800	900	1080	750	630	890	1150	870	620	600	960	470	900	1050	1010	1080	1090	1140	1030	990	890	1150
18	1060	1050	1110	1120	1110	1110	1010	1110	1120	1120	1120	980	630	990	1120	860	1100	680	970	900	860	840	1160	1170	1010	1170
19	980	980	1110	790	920	850	790	790	660	920	790	720	920	1050	720	920	1050	980	720	790	720	920	790	850	860	1110
20	770	560	810	790	1060	940	640	1030	1100	860	1140	880	1140	1080	1020	920	800	920	780	620	800	880	1000	630	890	1180
21	870	830	1050	850	1120	1100	1110	1200	660	1070	840	700	590	710	950	720	710	660	660	660	940	630	840	880	850	1200
22	1050	520	980	520	1110	980	1110	1110	1110	1110	660	850	[CA]	1180	980	790	1050	850	720	720	850	1110	1110	1050	940	1180
23	670	1140	1220	1220	1060	1100	1090	1060	1230	1210	1230	1220	760	1060	1220	900	1030	1010	930	1170	1150	1040	1240	1040	1080	1240
24	1350	1490	1040	1190	1530	1590	1190	1530	1500	1450	1290	1440	1060	1320	1170	1050	1140	1050	960	930	1100	1330	960	810	1230	1590
25	850	920	1180	1180	1050	850	590	660	850	660	[CA]	660	850	790	850	980	1050	790	790	790	720	920	850	790	850	1180
26	930	860	940	720	580	950	1020	1130	890	740	810	1000	1140	1160	1160	950	950	850	870	880	870	970	970	1170	940	1180
27	960	800	990	1060	770	880	1020	850	930	760	1070	1170	940	950	930	1150	1030	1000	930	950	840	960	1000	770	950	1170
28	720	920	660	980	980	790	920	920	720	850	720	[CA]	720	720	720	720	720	720	720	720	660	660	790	770	980	
29	720	660	600	660	850	660	600	790	660	790	520	850	1110	590	660	660	660	1050	720	720	660	660	660	660	720	1110
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1000	990	1050	1050	1070	1040	1030	1060	1050	1050	1020	1030	1050	1060	1090	1040	1070	1010	990	990	990	1040	1040	1020	1050	[ ]
SD	245	272	250	273	240	235	263	249	302	247	249	297	288	335	271	273	279	253	289	279	257	303	241	252	228	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	650	650	560	790	1100	1090	1100	950	610	630	590	580	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	1040	990	580	840	720	1070	810	1100
2	1010	570	500	570	790	800	740	890	720	1060	1050	1050	610	740	870	690	950	1010	760	600	950	1050	770	890	820	1060
3	990	690	720	700	670	730	920	560	660	810	870	740	640	670	650	670	790	680	1030	1120	940	770	830	1020	790	1120
4	750	900	700	810	1050	1010	580	840	1450	790	960	720	790	630	700	910	670	970	1020	710	740	610	890	660	830	1450
5	730	770	690	1020	560	840	1100	890	1310	680	810	780	660	{CA}	720	840	670	670	1040	1220	780	930	1230	1160	870	1310
6	900	1040	840	1120	1290	1290	1390	860	1190	1300	1060	1330	660	970	860	1090	870	740	730	960	1140	1240	1240	1230	1060	1390
7	1240	1230	1290	1240	1250	1270	1260	1280	1640	1320	1270	1340	1330	1310	1300	1190	850	920	690	930	1360	1410	1370	1340	1240	1640
8	980	1340	1350	1270	770	1220	930	1380	1230	1120	730	1110	850	820	1210	1030	1020	1040	910	1080	1170	820	870	1130	1060	1380
9	910	1240	1060	1100	680	960	940	1380	1220	1060	1210	1000	1230	900	870	1060	940	960	1060	1350	1070	920	800	1350	1050	1380
10	1140	1010	880	1270	760	1260	1010	980	730	1060	1070	930	950	1190	1170	1050	1320	1420	1400	1310	1140	1000	990	1060	1090	1420
11	920	740	870	1390	980	660	780	990	1120	1100	{CA}	1010	630	740	730	670	740	580	550	530	680	600	650	550	790	1390
12	960	1050	560	790	730	730	740	690	730	1100	740	650	840	730	830	770	1170	710	960	690	700	740	1000	700	810	1170
13	1120	1110	1110	1320	1030	1150	1130	1110	1200	940	1200	950	730	790	870	800	1070	1030	1050	1260	1150	1130	1140	1470	1080	1470
14	840	600	900	860	910	900	960	830	780	960	790	1110	1210	1310	1280	1250	940	750	1130	880	1150	850	1070	1330	990	1330
15	1060	1070	810	940	990	900	1150	1130	1080	800	960	1200	960	930	990	840	740	1090	1110	1060	970	920	910	1000	980	1200
16	900	610	940	1080	1090	1020	1000	1290	1100	1150	1140	1040	870	850	800	620	650	1260	1170	1170	820	990	1100	1230	1000	1290
17	930	1110	890	1410	1320	860	1200	1240	1200	950	640	920	890	900	980	840	850	900	860	650	820	920	880	740	960	1410
18	850	930	720	770	1110	780	820	670	1090	1180	920	750	1090	1240	850	1090	1260	1520	1640	2240	1610	1370	1330	1930	1160	2240
19	1910	1850	1940	2140	1570	1020	1150	1140	1160	[LI]	1250	1190	1210	1220	1210	1230	1150	1210	1200	1190	1190	1190	1200	1080	1340	2140
20	1110	840	770	1100	1090	870	670	1050	870	550	790	1050	1190	940	550	900	1090	1150	760	890	840	730	1160	570	900	1190
21	1150	1150	1030	850	550	1090	770	720	690	1140	880	1010	1020	970	970	720	990	840	730	790	1080	1030	1080	1070	930	1150
22	680	870	1160	650	1160	970	1100	1170	1020	1020	530	580	820	690	1040	1160	900	1010	1160	950	1140	1140	1140	1030	960	1170
23	900	670	1060	1060	880	860	900	890	700	660	1140	1110	800	810	990	960	840	820	960	940	900	810	870	910	890	1140
24	810	770	840	1160	830	820	880	910	810	990	710	870	780	960	980	930	820	820	830	680	850	890	830	790	870	1160
25	1050	1130	2180	1140	1140	1000	1170	1140	1160	1160	1100	1370	1650	1610	1230	1340	810	970	1090	950	620	870	1160	1120	1180	2180
26	830	830	670	810	770	670	510	860	700	520	850	980	690	730	730	700	960	830	750	880	670	710	960	880	770	980
27	820	970	660	920	770	840	1080	830	750	940	670	890	1100	1230	670	690	990	880	730	810	700	840	720	670	840	1230
28	580	720	610	810	1020	740	660	710	710	820	830	1070	690	780	790	810	710	730	840	820	740	650	880	720	770	1070
29	870	650	560	940	740	610	650	660	550	1060	850	{CA}	1030	1050	1130	530	630	1070	1150	530	1120	1240	610	650	830	1240
30	560	1040	970	660	1090	1010	1350	1160	940	700	850	650	1150	780	1100	720	690	720	660	980	630	720	710	710	860	1350
31	1150	910	1160	1010	1080	1190	970	1330	990	1150	1030	1090	1170	1170	1040	870	980	900	810	870	690	700	1200	880	1010	1330
AV	950	960	940	1020	960	940	960	980	970	960	920	970	940	960	940	900	900	940	970	980	930	920	980	1000	950	[ ]
SD	243	247	367	302	242	188	222	226	267	212	199	213	247	257	203	207	179	216	223	309	242	212	203	299	145	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	660	850	790	790	660	790	790	920	1050	920	920	660	660	[CA]	[LI]	[LI]	[LI]	710	730	710	680	770	670	840	780	1050
2	1080	1070	740	640	880	820	900	710	680	1140	970	730	780	770	990	820	840	990	860	990	820	790	1070	770	870	1140
3	760	980	790	660	1040	970	750	950	840	800	970	1140	840	830	920	930	860	870	930	870	980	1100	820	740	890	1140
4	920	870	820	710	990	690	690	750	910	1050	1060	760	790	[CA]	950	780	780	780	1050	1040	870	790	770	750	850	1060
5	740	710	700	660	770	770	1030	760	680	990	880	720	700	740	830	710	930	920	950	650	830	740	680	610	790	1030
6	620	740	650	590	790	510	590	590	550	640	770	750	830	690	810	780	920	780	720	770	730	630	680	670	700	920
7	760	720	610	840	590	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	790	790	820	810	930	800	790	830	1020	880	820	800	1020
8	870	1130	980	690	660	710	640	710	1370	860	810	790	800	830	870	980	980	960	880	860	900	830	810	820	860	1370
9	970	850	870	810	770	760	970	780	880	750	800	810	820	1050	810	1110	940	870	870	850	830	990	980	790	870	1110
10	850	790	1050	1050	720	720	1180	720	720	720	720	1110	920	1140	800	840	790	800	830	1180	900	840	830	790	880	1180
11	880	740	780	950	600	610	610	670	1070	790	690	920	830	820	840	900	790	860	840	810	850	790	790	810	800	1070
12	810	760	730	660	670	660	750	720	860	780	900	750	920	1020	780	880	770	840	780	830	750	770	690	610	780	1020
13	610	710	830	670	690	780	710	820	640	590	570	[CA]	720	740	630	640	670	650	670	860	620	670	610	750	690	860
14	810	580	690	690	640	660	630	820	620	620	620	600	630	710	650	710	650	730	650	620	650	770	530	640	670	820
15	560	580	550	650	510	500	490	500	500	540	520	550	650	590	560	670	630	640	790	590	590	610	630	670	590	790
16	610	590	730	650	910	780	720	560	530	600	790	660	640	710	780	790	830	750	660	660	650	630	740	780	700	910
17	640	630	910	600	640	610	620	650	680	600	700	650	610	620	680	690	780	760	810	930	1030	810	750	740	710	1030
18	870	700	740	640	630	740	670	630	710	870	680	680	920	760	740	860	710	700	720	730	750	670	720	640	730	920
19	650	1080	720	670	590	720	700	790	840	790	770	[CA]	1050	780	860	820	830	890	950	910	910	830	900	750	820	1080
20	810	950	900	650	820	740	690	800	770	840	1000	890	800	900	980	890	960	1040	930	900	860	820	800	770	850	1040
21	860	760	700	930	750	700	750	680	780	740	880	880	840	820	830	820	850	830	840	860	830	870	910	810	810	930
22	770	780	780	740	700	660	680	730	820	690	730	790	[CA]	770	730	790	720	700	1050	880	780	810	760	830	770	1050
23	850	780	700	700	660	740	690	690	700	800	850	770	670	730	1030	840	850	1060	950	940	1220	840	1040	850	840	1220
24	850	930	910	730	950	790	890	710	1010	1130	1130	1110	780	990	1090	810	760	900	760	760	920	1120	970	920	910	1130
25	800	1070	870	700	670	700	1100	980	[CA]	1180	910	780	800	1070	840	720	560	770	830	740	1020	830	820	640	840	1180
26	850	720	630	780	610	680	690	1010	640	800	760	580	890	650	780	790	740	1090	990	620	780	550	920	810	770	1090
27	800	570	550	630	630	980	610	750	620	870	730	820	1120	770	730	750	720	710	1010	970	730	830	1050	800	780	1120
28	790	660	660	1040	630	790	1200	1120	1030	650	[CA]	850	850	850	720	850	720	660	720	720	790	720	850	720	810	1200
29	720	710	690	760	1070	680	730	810	840	720	900	810	830	860	730	850	710	860	850	700	810	610	780	720	790	1070
30	730	750	790	850	790	810	860	760	740	730	730	750	740	790	780	1010	750	740	740	760	760	740	760	750	780	1010
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	780	790	760	740	730	730	770	760	790	800	810	800	810	810	810	820	790	830	840	820	820	800	810	760	790	[ ]
SD	114	154	117	120	140	103	175	133	189	167	141	143	117	133	118	101	100	121	110	133	130	129	131	71	73	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	1180	1110	980	1050	980	1050	1050	1050	1050	980	1050	1180
15	980	1160	1110	1050	1110	1050	1110	1050	1110	1050	1050	[CA]	[CA]	[CA]	[CA]	1110	1110	1050	1110	1110	1110	1050	1050	1050	1080	1180
16	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	[CA]	980	1050	1050	1050	1050	980	1050	1050	980	1050	1050	1040	1050
17	980	1050	1050	1050	1050	1050	1050	980	1050	1050	1050	1050	980	980	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1040	1050
18	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	980	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1040	1050
19	1050	1050	1050	980	1050	1050	1050	1050	1050	1050	1050	980	1050	980	980	1050	1050	1050	980	980	980	1050	980	1050	1030	1050
20	1050	980	1050	1050	1050	1050	1050	1110	1110	1050	1110	1050	1050	1050	1050	1050	980	1050	1050	1050	1050	1050	980	980	1050	1110
21	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	1050	1050	1050	1050	980	980	1050	1110	1050	1050	1050	1040	1110
22	1110	1050	1110	1050	1050	1050	1050	1050	1050	1050	1050	1050	[CA]	1050	1050	980	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110
23	1050	1110	1110	1110	1050	1050	1050	1050	1110	1110	1110	1050	1050	1050	1050	1050	1050	1110	1110	1110	1110	1110	1310	1240	1100	1310
24	1380	1310	1240	1240	1310	1310	1240	1310	1310	1240	1310	1310	1180	1180	1180	1180	1180	1110	1110	1110	1110	1110	1110	1050	1210	1380
25	1050	1050	1050	1050	1050	1050	980	980	1050	980	[CA]	980	980	980	980	980	980	980	980	980	980	980	1050	980	1000	1050
26	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110	1110	1110	1050	1050	1050	980	980	1050	1050	1050	1110	1110	1060	1110
27	1110	1050	1110	1110	1110	1110	1110	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	1050	1050	1050	1060	1110
28	980	1050	980	1050	1050	1050	1050	1050	1050	1050	1050	[CA]	980	980	980	920	920	920	850	920	920	980	980	980	990	1050
29	980	980	980	980	1050	980	980	980	980	980	920	980	980	920	920	920	920	980	920	980	920	920	920	920	960	1050
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1050	1070	1070	1060	1080	1070	1060	1060	1070	1060	1070	1050	1030	1020	1040	1040	1030	1030	1010	1040	1040	1040	1050	1040	1050	[ ]
SD	94	78	60	58	66	69	58	75	70	57	79	84	62	64	66	64	63	49	69	50	61	47	82	68	63	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	920	920	920	980	1050	1050	980	920	920	920	920	920	920	980	980	1110	920	980	1050	980	980	980	980	1050	970	1110
2	980	980	980	980	1050	1050	1050	980	1050	1050	1050	1050	980	1050	1050	980	1050	1050	1050	980	1050	1110	1050	1050	1030	1110
3	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	1050	1050	980	980	980	980	1050	1050	1050	1110	1050	1050	1050	980	1040	1110
4	1050	1050	1050	980	1050	1050	980	1050	1050	1050	1050	980	980	980	980	980	980	980	1110	980	980	980	1050	980	1010	1110
5	1050	1050	1050	1050	1050	1050	1110	1050	1050	1050	980	980	980	(CA)	980	1050	980	1050	1050	1110	1050	1110	1110	1110	1050	1110
6	1050	1110	1110	1110	1110	1110	1110	1050	1050	1110	1050	1110	980	1050	1050	1050	1050	1050	1050	1110	1110	1110	1110	1110	1080	1110
7	1110	1110	1110	1110	1110	1110	1050	1110	1110	1110	1050	1050	1050	1050	1050	1050	1050	1110	1110	1110	1110	1110	1180	1180	1100	1180
8	1110	1180	1180	1110	1110	1180	1110	1180	1180	1110	1050	1110	1050	1050	1110	1050	1110	1110	1110	1050	1110	1110	1110	1110	1110	1180
9	1110	1110	1050	1180	1110	1110	1110	1180	1180	1110	1110	1110	1180	1110	1050	1110	1110	1110	1110	1180	1110	1110	1110	1180	1120	1180
10	1180	1180	1180	1240	1110	1180	1110	1110	1110	1050	1050	1110	1110	1110	1110	1110	1110	1180	1110	1180	1110	1110	1110	1110	1130	1240
11	1050	1110	1110	1110	980	920	1050	980	1110	1110	(CA)	980	920	920	920	920	980	980	980	980	980	980	980	980	1000	1110
12	1050	1110	1050	1050	1050	1050	1050	1050	1050	1050	980	980	920	980	980	980	1050	980	980	1050	1050	1050	1050	1050	1030	1110
13	1110	1110	1110	1110	1110	1180	1110	1110	1110	1050	1110	980	1050	1050	1050	1050	1050	1110	1180	1180	1180	1110	1110	1180	1100	1180
14	1180	1180	1110	1110	1110	1110	1110	1110	1110	1110	1050	1050	1110	1050	1050	1110	980	980	980	920	1050	1050	1050	1050	1070	1180
15	1050	1050	1050	1050	1050	1050	1110	1110	1050	980	1050	1050	980	980	980	980	980	980	980	980	980	980	980	980	1020	1110
16	980	1050	1050	1050	1110	1050	1050	1050	1050	1050	1110	980	920	980	980	980	920	980	980	1050	980	1050	1110	1110	1030	1110
17	980	1110	980	1050	1050	1050	1050	1110	1050	980	980	980	980	920	920	920	920	920	920	980	980	980	920	980	990	1110
18	980	980	980	980	1110	980	980	980	1050	1050	980	980	980	920	920	920	850	850	920	850	850	790	790	790	940	1110
19	850	850	850	850	850	850	850	850	850	850	850	920	920	920	920	920	850	850	850	920	850	850	920	850	870	920
20	850	850	850	850	850	850	850	850	920	850	850	850	920	850	920	850	920	920	920	850	850	920	920	920	880	920
21	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	980	850	920	920	920	920	920	920	920	980
22	920	920	920	920	980	980	980	980	980	980	920	920	920	850	920	980	920	920	980	980	920	920	920	920	940	980
23	920	920	920	920	920	650	920	920	850	850	920	920	920	920	920	920	920	920	920	920	920	920	850	850	910	920
24	920	920	850	920	850	920	920	850	920	920	850	920	920	920	920	920	920	920	920	920	920	920	920	850	910	920
25	920	920	920	920	920	920	920	920	920	920	920	920	980	980	980	980	850	980	980	920	920	650	980	980	930	980
26	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	850	850	850	850	920	920	920	920	910	920
27	920	920	920	920	920	920	920	920	920	920	850	850	920	920	920	920	920	920	850	920	850	920	850	920	910	920
28	920	920	920	920	920	920	920	920	850	850	850	920	850	850	850	850	850	850	850	850	850	850	850	850	880	920
29	920	920	920	920	920	920	920	980	920	980	920	(CA)	920	920	920	920	920	920	920	850	920	980	920	920	920	980
30	920	920	980	920	980	980	980	980	920	850	850	850	920	650	920	850	850	850	850	920	850	920	850	850	900	980
31	920	920	920	920	980	980	980	980	920	980	920	920	920	920	920	850	920	920	920	920	850	850	920	850	920	980
AV	990	1010	1000	1000	1010	1010	1010	1010	1000	990	970	980	970	960	970	970	960	970	980	980	980	960	990	990	990	( )
SD	90	101	94	97	88	96	83	93	95	89	86	77	71	73	64	79	82	91	92	101	97	96	101	111	60	( )

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

APRIL, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	920	980	980	920	980	980	920	1050	1110	980	920	920	920	[CA]	920	820	850	920	930	870	920	920	920	920	940	1110
2	1040	1030	980	920	850	850	920	980	980	980	980	920	930	920	930	920	920	920	920	940	920	920	920	980	940	1040
3	920	960	920	980	980	980	920	1050	980	920	980	920	940	930	930	920	920	900	910	930	920	920	920	920	940	1050
4	920	920	920	980	920	980	980	980	980	980	920	920	920	[CA]	950	930	920	920	940	940	920	920	920	920	940	980
5	920	920	920	920	920	980	980	980	980	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	930	980
6	920	920	920	920	980	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	920	980
7	920	920	920	980	920	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	980	950	950	940	950	940	960	980	1050	980	980	960	1050
8	960	1050	980	980	980	980	960	980	980	980	980	960	930	920	920	920	920	920	920	920	920	920	920	980	960	1050
9	980	960	980	980	980	980	980	980	980	920	920	920	920	920	910	920	910	910	920	930	900	980	960	980	950	980
10	960	980	980	1050	980	980	1050	980	980	980	980	980	980	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	990	1050
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
20	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1000	1010	1050	1050	1050	1050	1050	1050
21	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	990	990	990	990	990	990	1000	1000	1020	960	980	1020	1050
22	1050	1050	1050	1050	1050	1050	1050	1050	980	1050	1050	960	[CA]	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1040	1050
23	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1040	960	1050	980	1050	1050	1050	1050	1050	1050	1040	1050
24	1050	1050	1050	1050	1050	1050	1110	1050	1050	1120	1050	1110	1050	1110	1110	1050	1060	1060	1050	1060	1050	1070	990	970	1060	1120
25	1050	1110	1050	1050	1050	1050	1110	1050	[CA]	1050	1110	1110	1050	1050	1050	1050	1050	1050	1050	1050	1110	1050	1050	1050	1060	1110
26	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	1050	1050	1050	1110	1050	1050	1050	1050	1050	1050	1050	1110
27	1050	1050	1050	1050	1110	1110	1110	1110	1050	1050	1050	1050	1110	1110	1050	1050	1110	1050	1050	1050	1050	1050	1050	1110	1070	1110
28	1110	1110	1050	1020	1110	1110	1110	1110	1050	1050	1050	[CA]	1110	1110	1110	1110	1050	1050	1050	1050	1110	1050	1110	1050	1080	1110
29	1110	1110	1110	1110	1050	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1050	1050	1050	1050	1050	1050	1050	1110	1110	1090	1110
30	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1050	1050	1050	1100	1110
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1010	1020	1010	1010	1010	1020	1030	1030	1020	1020	1010	1000	1010	1010	1000	990	990	990	990	1000	1000	1000	1000	1000	1010	[ ]
SD	67	64	61	58	68	67	70	53	53	64	66	75	74	72	70	79	72	70	64	66	73	61	66	61	60	[ ]

HYDROCARBONS [METHANE REDUCED]
[MICROGRAMS/CU. METER]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	260	0	70	70	0	0	260	0	70	0	70	260
15	0	0	70	0	130	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	10	130
16	0	70	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	70	0	0	0	0	0	0	0	0	10	70
17	0	0	0	0	0	0	30	0	0	0	100	0	0	0	0	0	0	0	0	40	40	90	0	0	10	100
18	10	0	60	70	60	60	0	60	70	70	80	0	0	0	70	0	50	0	0	0	0	0	10	120	40	120
19	0	0	70	0	0	0	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	10	70
20	0	0	0	0	10	0	0	0	0	0	70	0	100	30	0	0	0	0	0	0	0	0	20	0	10	100
21	0	0	10	0	70	50	60	150	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	150
22	0	0	0	0	70	0	70	70	70	70	0	0	[CA]	130	0	0	0	0	0	0	0	70	70	0	30	130
23	0	30	100	110	10	50	40	10	110	100	120	170	0	20	170	0	0	0	0	60	40	0	0	0	50	170
24	0	180	0	0	220	280	0	220	190	210	0	130	0	140	0	0	0	0	0	0	0	220	0	0	70	280
25	0	0	130	130	0	0	0	0	0	0	[CA]	0	0	0	0	0	70	0	0	0	0	0	0	0	10	130
26	0	0	0	0	0	0	0	80	0	0	0	0	20	70	110	0	0	0	0	0	0	0	0	50	10	110
27	0	0	0	0	0	0	0	0	0	0	30	120	0	0	0	110	0	0	0	0	0	0	0	0	10	120
28	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	130	0	0	0	0	70	0	0	0	0	0	0	10	130
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	20	30	20	40	30	10	40	30	30	30	30	20	30	40	10	10	10	0	10	20	20	20	10	20	[ ]
SD	2	47	43	43	62	70	24	65	55	57	42	60	43	48	77	31	25	23	0	17	63	57	33	31	23	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	50	40	120	30	0	0	0	0	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	0	10	0	0	0	30	20	120
2	30	0	0	0	0	0	0	0	0	20	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	30
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	40	0	40
4	0	0	0	0	0	0	0	0	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	400
5	0	0	0	0	0	0	0	0	260	0	0	0	0	[CA]	0	0	0	0	0	110	0	0	120	40	20	260
6	0	0	0	10	180	170	280	0	140	180	10	210	0	0	0	40	0	0	0	0	20	130	120	110	70	280
7	130	110	180	120	130	150	220	170	520	200	220	300	260	260	260	150	0	0	0	0	250	300	190	170	180	520
8	0	170	170	160	0	40	0	200	60	0	0	0	0	0	100	0	0	0	0	30	60	0	0	10	40	200
9	0	130	10	0	0	0	0	200	40	0	90	0	50	0	0	0	0	0	0	170	0	0	0	170	40	200
10	0	0	0	20	0	80	0	0	0	20	30	0	0	80	50	0	200	240	290	130	20	0	0	0	50	290
11	0	0	0	280	0	0	0	10	10	0	[CA]	30	0	0	0	0	0	0	0	0	0	0	0	0	10	280
12	0	0	0	0	0	0	0	0	0	60	0	0	0	0	0	0	120	0	0	0	0	0	0	0	10	120
13	0	0	0	210	0	0	10	0	80	0	80	0	0	0	0	0	20	0	0	80	0	20	30	290	30	290
14	0	0	0	0	0	0	0	0	0	0	0	70	90	270	240	140	0	0	150	0	100	0	20	280	60	280
15	10	30	0	0	0	0	40	20	40	0	0	150	0	0	10	0	0	110	120	70	0	0	0	20	30	150
16	0	0	0	40	0	0	0	240	50	110	30	50	0	0	0	0	0	280	180	120	0	0	0	120	50	280
17	0	0	0	360	270	0	150	120	160	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	50	360
18	0	0	0	0	0	0	0	0	40	140	0	0	110	330	0	170	410	670	720	1390	760	590	540	1140	290	1390
19	1060	990	1090	1280	820	170	300	290	310	[LI]	400	280	300	300	300	310	300	360	350	280	330	340	230	230	460	1280
20	260	0	0	250	240	20	0	200	0	0	0	200	270	90	0	50	170	230	0	30	0	0	240	0	90	270
21	230	230	110	0	0	170	0	0	0	220	0	100	110	50	50	0	10	0	0	0	170	110	170	150	80	230
22	0	0	240	0	170	0	120	180	40	40	0	0	0	0	130	170	0	90	170	0	230	220	220	120	90	240
23	0	0	140	140	0	10	0	0	0	0	230	200	0	0	70	40	0	0	50	20	0	0	20	60	40	230
24	0	0	0	240	0	0	0	60	0	70	0	0	0	50	70	10	0	0	0	0	0	0	0	0	20	240
25	130	210	1260	230	220	80	250	230	240	250	180	460	670	830	290	360	0	0	110	40	0	20	180	140	270	1260
26	0	0	0	0	0	0	0	0	0	0	0	60	0	0	0	0	110	0	0	30	0	0	40	0	10	110
27	0	50	0	10	0	0	170	0	0	20	0	30	190	310	0	0	70	0	0	0	0	0	0	0	40	310
28	0	0	0	0	100	0	0	0	0	0	0	160	0	0	0	0	0	0	0	0	0	0	30	0	10	160
29	0	0	0	30	0	0	0	0	0	80	0	[CA]	110	140	220	0	0	160	230	0	200	260	0	0	60	260
30	0	120	0	0	100	30	370	180	20	0	0	0	230	0	180	0	0	0	0	60	0	0	0	0	50	370
31	230	0	250	90	100	210	0	350	80	170	110	170	250	250	120	20	70	0	0	0	0	0	290	30	120	350
AV	70	70	110	110	80	40	70	80	80	50	50	80	90	100	70	50	50	70	80	80	70	60	80	100	70	[ ]
SD	196	181	290	237	159	64	109	107	130	77	93	115	148	178	98	93	98	148	151	247	154	136	125	208	98	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

APRIL, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[LI]	[LI]	[LI]	0	0	0	0	0	0	0	0	0
2	30	50	0	0	30	0	0	0	0	160	0	0	0	0	60	0	0	70	0	50	0	0	150	0	30	160
3	0	0	0	0	50	0	0	0	0	0	0	220	0	0	0	10	0	0	20	0	70	180	0	0	20	220
4	0	0	0	0	70	0	0	0	0	60	140	0	0	[CA]	0	0	0	0	120	100	0	0	0	0	20	140
5	0	0	0	0	0	0	50	0	0	70	0	0	0	0	0	0	10	0	30	0	0	0	0	0	10	70
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	90	0	0	0	0	0	0	380	0	0	0	0	0	0	60	63	40	0	0	0	0	0	0	30	380
9	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	200	30	0	0	0	0	10	0	0	20	200
10	0	0	70	0	0	0	130	0	0	0	0	130	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	30	130
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	170	0	0	0	10	170
24	0	0	0	0	0	0	0	0	0	20	80	0	0	0	0	0	0	0	0	0	0	50	0	0	10	80
25	0	0	0	0	0	0	0	0	[CA]	130	0	0	0	20	0	0	0	0	0	0	0	0	0	0	10	130
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
28	0	0	0	20	0	0	90	0	0	0	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	10	90
29	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	10	0	0	10	0	10	0	20	20	10	20	0	10	0	10	10	10	10	10	10	10	10	0	10	[ ]
SD	6	21	15	4	19	0	35	0	85	46	35	56	2	31	13	45	14	23	26	23	38	39	32	0	10	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT.UTAH

SITE A 2

FEBRUARY.1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	[CA]	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
3	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.1	.2
4	.1	.0	.0	.1	.0	.1	.1	.1	.1	.1	[CA]	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.0	.1	.1
5	.0	.1	.1	.1	.1	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.1
6	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
7	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.1	.1
8	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1
9	.0	.1	.0	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1
10	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	[CA]	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1
11	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
13	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.1	.1
14	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	[CA]	[CA]	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	[CA]	[CA]	[CA]	[CA]	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
18	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
19	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
20	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
21	.1	.1	.1	.0	.1	.1	.2	.2	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
22	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
23	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.0	.1	.1
24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1
25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
27	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
28	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[ ]
SD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1
4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1
5	.1	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1
7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1
8	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.1	.1	.1
9	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1
10	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1
11	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1
12	.1	.1	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1
13	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1	.1	.0	.1	.2
14	.1	.1	.1	.0	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1
17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
18	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
19	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2
20	.1	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
21	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1
22	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1
23	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.1
24	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1
25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1
26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1
27	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1
28	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1
29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	.1	.1
30	.0	.1	.1	.0	.1	.1	.1	.1	.1	.0	.1	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
31	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[ ]
SD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

APRIL, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1
2	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1
3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2
4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1
5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	.1	.1
6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	.1	.0	.0	.1	.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.1
8	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
9	.1	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.1	.1
10	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1
11	.1	.1	.1	.1	.1	.1	.1	.2	.0	.1	.1	.0	.1	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.2
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1
13	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
14	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
17	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
18	.1	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1
19	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	[CA]	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
20	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
21	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[CA]	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.1
24	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1
25	.0	.1	.1	.0	.0	.0	.1	.1	[CA]	.0	.0	.0	.0	.1	.2	.1	.0	.1	.1	.0	.1	.0	.1	.0	.1	.2
26	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1
27	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.0	.2	.0	.0	.2
28	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	[CA]	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1
29	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
30	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.1	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.1	[ ]
SD	.1	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	10	20	20	20	20	20	20	20	20	20	20	[CA]	100	80	80	70	60	60	50	40	40	60	40	100
2	30	40	30	30	40	40	30	40	30	40	30	30	40	40	40	40	30	40	40	40	30	30	30	20	30	40
3	30	30	20	30	30	20	40	20	20	30	30	20	30	30	30	30	30	30	30	30	30	30	20	20	30	40
4	20	20	20	20	10	0	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	20	20
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[CR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	50	40	30	30	20	20	20	10	20	20	20	10	20	20	50
8	20	20	20	20	20	20	20	10	10	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	20	30
9	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	20	30	30	20	20	30
10	30	20	20	20	20	20	20	20	20	20	20	20	20	30	20	30	20	20	20	20	20	20	20	20	20	30
11	20	20	20	20	10	10	10	20	10	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20
12	10	20	20	20	10	10	20	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
13	20	20	20	20	20	20	20	20	10	20	20	[CA]	20	30	30	40	30	30	30	30	20	20	20	20	20	40
14	20	20	20	20	20	20	20	20	20	20	20	[CA]	[CA]	[CA]	[CA]	40	20	20	20	20	20	20	20	20	20	40
15	20	10	10	10	20	10	10	10	10	20	[CA]	[CA]	[CA]	[CA]	[CA]	20	20	20	20	20	10	10	10	10	10	20
16	10	0	0	0	0	0	0	0	0	0	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	0	0	0	0	0	0	0	10
18	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	20	10	10	0	0	0	0	0	0	20
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	10	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	[CA]	0	10	10	0	10	0	0	0	10	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	20	10	0	0	0	0	0	0	0	20
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	10	10	10	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10	10	10	10	10	[ ]
SD	11	12	10	11	11	11	12	11	9	12	11	13	13	13	21	18	17	15	14	15	13	13	12	14	12	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	20	20	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	20	20	20	20	20	20	20	20
2	20	20	20	20	20	10	10	20	20	10	20	30	30	30	30	30	30	30	20	30	20	20	20	20	20	30
3	20	10	10	10	20	10	10	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
4	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	20	20	10	10	10	10	10	10	10	10	10	20	20	[CA]	20	20	20	20	20	20	20	20	20	20	20	20
6	20	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20
7	20	20	20	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	20	20	20	20	20	20	20	30
9	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	20	30	20	20	20	20	20	30
10	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	20	30	20	20	20	20	20	30
11	20	20	20	20	20	20	20	20	20	20	[CA]	20	30	30	20	20	20	20	20	20	20	20	20	20	20	30
12	20	20	20	20	20	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
13	20	20	20	20	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	20	20	20	20	20	20	20	30
15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	20	20	20	30
16	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	20	20	20	20	30
17	20	20	20	20	20	20	20	20	20	20	20	[CA]	30	30	40	40	40	40	40	30	30	30	30	20	30	40
18	20	20	20	20	20	20	20	20	20	20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	20	20
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	[CA]	[CA]	20	20	20	20	30	20	30	20	20	30
26	30	20	20	20	30	20	30	20	20	20	20	20	20	10	10	20	30	30	20	10	20	10	10	10	20	30
27	10	20	10	20	20	20	30	20	20	20	10	30	20	10	30	20	20	20	10	20	10	20	20	20	20	30
28	10	20	20	30	20	30	20	20	20	10	10	20	20	10	10	20	10	10	10	10	10	10	20	20	20	30
29	20	20	10	20	20	20	20	20	20	20	10	[CA]	20	20	10	20	20	20	10	10	10	10	10	20	20	20
30	20	20	20	20	20	10	20	20	20	20	20	10	30	20	30	20	40	30	20	20	20	20	20	20	20	40
31	10	10	10	10	20	20	20	20	20	10	20	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20
AV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	[ ]
SD	4	3	4	5	4	6	6	4	4	4	4	6	6	8	9	7	9	8	7	7	6	6	6	5	4	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	10	20	10	10	20	20	20	10	0	0	0	[CA]	[LI]	[LI]	[LI]	[LI]	50	50	40	30	20	20	20	50
2	10	10	10	10	10	10	10	10	10	10	20	30	40	50	80	90	90	90	100	60	60	30	30	10	40	100
3	10	20	10	10	20	20	10	10	0	10	20	40	60	70	90	90	110	110	110	90	60	40	40	40	50	110
4	10	10	10	10	10	10	10	10	10	10	30	40	70	[CA]	40	50	40	70	50	50	30	30	20	30	30	70
5	20	10	10	10	10	20	0	10	0	10	10	10	30	30	30	30	30	20	0	10	10	10	20	10	10	30
6	10	20	20	20	20	20	20	10	10	10	10	10	10	20	20	10	30	20	10	10	10	20	10	10	20	30
7	10	10	10	0	10	10	10	10	10	10	60	30	[CA]	20	40	60	70	60	60	40	40	40	20	20	30	70
8	10	10	10	10	10	10	10	10	10	10	30	40	70	60	110	100	100	100	90	80	60	40	40	30	40	110
9	30	20	20	20	20	20	20	20	10	30	50	60	40	70	70	80	70	80	60	60	30	10	20	10	40	80
10	0	0	0	0	0	0	0	0	0	0	0	[CA]	10	10	20	20	30	10	10	20	10	10	10	20	10	30
11	10	20	10	20	10	20	20	10	10	10	20	10	20	30	50	40	40	30	50	20	40	10	10	10	20	50
12	10	10	20	20	20	10	10	10	10	10	30	20	20	30	20	10	10	20	20	20	10	20	0	20	20	30
13	10	10	10	20	10	20	20	10	20	10	10	[CA]	10	0	10	10	10	10	20	10	20	10	10	20	10	20
14	10	20	20	10	20	0	10	20	20	10	20	10	20	20	10	10	10	0	20	20	10	10	20	10	10	20
15	20	20	10	10	20	20	10	20	10	0	10	10	20	0	10	10	10	20	10	10	10	10	10	10	10	20
16	10	20	20	10	50	20	10	10	10	10	10	0	10	10	10	10	10	20	10	10	10	20	10	10	10	50
17	20	20	20	10	20	10	20	80	60	30	20	20	20	20	10	10	10	10	0	10	10	10	10	10	20	80
18	20	20	20	10	10	20	10	10	10	10	20	10	20	10	0	10	10	10	10	10	10	10	10	10	10	20
19	20	10	10	10	10	20	10	20	10	10	10	[CA]	10	10	20	0	10	10	10	0	0	10	20	20	10	20
20	10	10	20	10	10	20	20	20	10	10	20	10	0	30	10	20	20	30	30	20	20	10	0	10	20	30
21	10	0	10	10	10	20	10	10	0	20	10	10	20	20	20	30	20	10	20	20	20	0	20	10	10	30
22	10	0	10	10	10	10	0	0	10	20	0	10	0	10	20	10	10	0	0	0	10	10	10	10	10	20
23	10	0	10	10	0	0	10	10	0	10	10	10	0	10	10	10	10	10	0	10	0	10	0	0	10	10
24	0	0	0	10	10	0	0	10	10	0	0	0	0	0	30	20	0	20	20	0	0	0	10	0	10	30
25	10	0	20	0	10	10	0	0	[CA]	10	10	10	20	[LI]	[LI]	[LI]	10	10	20	10	10	0	10	10	10	20
26	0	10	20	0	10	0	0	0	0	0	0	0	10	10	10	0	0	10	20	0	20	20	0	0	10	20
27	0	0	0	0	0	0	0	0	0	10	10	0	10	10	0	10	10	10	10	10	10	10	10	0	10	10
28	0	10	0	10	0	0	0	0	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	0	10	0	10	10	0	10	10	10	10
30	10	10	10	10	0	10	10	0	10	10	10	10	0	10	0	10	10	10	10	0	10	10	10	10	10	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	20	20	20	20	30	30	30	30	30	20	20	20	10	10	20	[ ]
SD	7	7	7	6	9	8	7	14	11	7	14	15	19	20	28	29	30	31	30	24	17	11	10	9	11	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
FEBRUARY,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	70	60	50	40	40	30	30	30	30	20	20	70
2	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	10	10	10	10	10	10	20	20
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10
4	10	0	10	10	10	10	10	10	10	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	10	10
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	10	0	10
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	10	0	10	10	10	10	10	10	10	0	10
15	10	10	10	10	0	10	10	10	0	10	[CA]	[CA]	[CA]	[CA]	[CA]	10	0	0	0	0	0	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	5	5	5	5	5	5	5	5	5	5	4	4	5	4	14	12	10	9	8	6	6	6	6	5	5	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	10	10	10	0	0	0	0	0	0	0	10
18	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	20	20	20	10	10	0	0	10	0	10	20
27	0	0	0	0	0	0	10	0	0	0	10	10	0	10	20	10	10	10	10	10	10	10	0	0	10	20
28	10	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	10	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	[CA]	10	10	10	20	10	10	0	10	0	10	0	0	0	20
30	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	20	20	20	20	10	10	10	10	0	10	20
31	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	0	0	0	0	0	2	0	0	2	3	4	3	4	5	7	6	6	5	4	3	3	3	0	2	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[LI]	[LI]	[LI]	[LI]	30	20	20	20	20	10	10	30
2	10	10	10	10	10	10	10	10	0	10	10	10	30	40	40	60	60	60	70	40	20	20	10	10	20	70
3	10	10	10	10	0	0	0	0	10	10	20	20	50	40	50	60	70	70	70	60	40	30	20	10	30	70
4	10	10	10	10	10	10	10	0	10	10	20	30	30	[CA]	30	40	30	30	40	40	30	20	20	10	20	40
5	10	10	10	10	0	10	10	0	10	10	10	10	20	20	30	30	20	10	10	10	10	10	10	10	10	30
6	10	10	10	10	10	0	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10
7	10	0	10	10	0	10	0	0	10	10	60	10	[CA]	10	20	30	40	30	40	20	20	10	10	10	20	60
8	10	10	10	10	10	0	0	10	10	10	20	20	40	50	70	70	70	60	70	50	30	20	20	20	30	70
9	10	20	10	10	10	10	10	10	10	20	20	30	30	40	40	40	50	50	50	40	20	20	10	10	20	50
10	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	10	30	50	60	60	60	50	30	20	20	10	20	60
11	10	10	10	10	0	0	10	10	10	10	10	30	50	60	70	80	80	80	80	60	50	30	30	10	30	80
12	10	10	10	10	10	10	10	10	10	30	50	50	50	50	50	50	50	40	30	30	10	20	10	20	30	50
13	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	30	30	20	20	10	10	10	10	10	10	30
14	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	20	20	10	10	10	0	0	0	10	20
15	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	20	10	10	10	0	0	0	0	20
16	0	0	0	0	40	0	0	0	0	0	0	10	10	10	20	20	70	10	10	0	0	0	0	0	10	70
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	0	0	10	0	0	10
18	0	0	0	0	0	0	0	0	0	0	0	10	10	20	10	10	10	10	0	0	0	0	0	0	0	20
19	0	0	0	0	0	0	0	0	0	10	10	[CA]	10	10	20	20	30	30	30	20	10	20	10	0	10	30
20	0	0	0	0	0	0	0	0	0	0	10	20	20	20	30	40	40	50	60	30	30	20	10	10	20	60
21	10	10	10	0	0	0	10	10	10	10	20	30	30	40	50	40	50	40	60	40	50	20	20	10	20	60
22	10	10	10	10	10	0	10	10	10	20	30	30	30	30	20	20	20	20	10	10	20	10	10	0	20	30
23	0	10	10	10	10	10	0	0	10	10	10	10	10	10	20	20	20	20	20	10	10	0	0	0	10	20
24	0	0	0	0	0	0	0	0	0	0	10	10	20	20	20	20	30	40	30	30	20	10	10	10	10	40
25	10	10	0	0	0	0	0	10	[CA]	10	0	0	0	[LI]	[LI]	[LI]	0	0	0	0	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	10	0	0	0	0	0	0	0	10	10	10	20	20	20	30	30	30	30	20	20	10	10	10	10	[ ]
SD	5	6	5	5	8	4	5	5	5	7	14	13	16	18	20	23	25	23	26	19	15	10	8	6	10	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	10	20	20	20	20	20	10	20	20	20	20	[CA]	0	0	0	0	0	0	0	0	0	20	10	20
2	0	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	10	20	10	10	20
3	10	10	10	10	10	10	30	10	10	10	10	0	20	20	10	10	10	10	20	10	10	10	10	10	10	30
4	10	10	10	10	0	0	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	10	10
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	40	30	30	20	20	20	20	10	20	20	20	10	20	20	40
8	10	10	10	10	10	10	10	10	10	10	20	10	10	10	20	20	20	20	10	20	10	10	10	10	10	20
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	20	20	20	20	20	10	20	10	20	20	20	20	20	20	20	30	20	20	20	20	20	20	10	20	20	30
11	20	20	20	20	10	10	10	10	10	10	20	20	20	20	20	20	10	10	20	20	10	20	10	10	20	20
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	20	20	10	10	10	20	10	20	10	10	20	[CA]	20	30	30	30	30	30	20	30	10	20	20	20	20	30
14	20	20	20	20	20	20	20	20	20	20	20	[CA]	[CA]	[CA]	[CA]	20	20	20	10	10	10	10	10	10	20	20
15	10	0	0	0	10	0	0	0	10	0	[CA]	[CA]	[CA]	[CA]	[CA]	10	10	20	10	10	10	10	10	0	10	20
16	0	0	0	0	0	0	0	0	0	0	10	10	[CA]	10	10	10	10	10	0	10	0	0	0	10	0	10
17	0	10	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	0	0	0	0	0	0	0	10
18	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	0	10	10	10	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	[CA]	0	10	10	0	10	0	0	0	10	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	20	10	0	0	0	0	0	0	0	20
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	10	10	10	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	0	0	0	0	10	0	0	0	10	10	10	10	10	10	10	10	10	10	0	10	0	10	10	[ ]
SD	8	8	7	7	7	7	9	7	6	7	9	10	10	9	9	9	9	8	8	9	7	7	6	7	7	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	20	20	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	20	20	20	20	20	20	20	20
2	20	20	20	20	20	10	10	20	20	10	20	30	30	30	30	30	30	30	20	30	20	20	20	20	20	30
3	20	10	10	10	20	10	10	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
4	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	20	20	10	10	10	10	10	10	10	10	10	20	20	[CA]	20	20	20	20	20	20	20	20	20	20	20	20
6	20	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20
7	20	20	20	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	20	20	20	20	20	20	20	30
9	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	20	30	20	20	20	20	20	30
10	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	20	30	20	20	20	20	20	30
11	20	20	20	20	20	20	20	20	20	20	[CA]	20	30	30	20	20	20	20	20	20	20	20	20	20	20	30
12	20	20	20	20	20	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
13	20	20	20	20	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	20	20	20	20	20	20	20	30
15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	20	20	20	30
16	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	20	30	20	20	20	20	20	30
17	20	20	20	20	20	20	20	20	20	20	20	[CA]	30	30	40	20	30	30	40	30	30	30	30	20	30	40
18	20	20	20	20	20	20	20	20	20	20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	20	20
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	[CA]	[CA]	20	20	20	20	20	20	20	20	20	20
26	20	20	20	20	20	20	20	20	20	10	10	10	10	0	0	0	0	0	0	0	10	10	0	10	10	20
27	10	20	10	10	20	10	20	20	20	10	0	10	10	0	0	10	0	0	0	10	0	10	10	10	10	20
28	0	20	10	20	10	20	20	10	10	10	10	10	10	0	0	10	0	0	0	0	10	10	10	20	10	20
29	10	20	10	10	20	20	20	20	10	10	10	[CA]	0	0	0	0	10	0	10	0	0	0	10	10	10	20
30	20	20	20	10	10	10	20	20	20	10	20	0	20	0	10	0	10	0	0	0	0	0	0	10	10	20
31	10	10	0	10	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20
AV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	[ ]
SD	5	3	6	5	4	5	5	4	5	6	7	7	8	12	12	10	10	11	10	10	8	7	7	5	5	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	10	10	10	10	20	20	20	10	0	0	0	[CA]	[LI]	[LI]	[LI]	[LI]	0	20	10	0	0	0	10	20
2	0	0	0	0	0	0	0	0	10	0	0	10	0	0	20	10	10	0	0	10	20	0	10	0	0	20
3	0	10	0	0	10	20	10	10	0	0	0	20	0	10	10	0	0	0	0	10	0	0	0	20	10	20
4	0	0	0	0	0	0	0	10	0	0	0	0	20	[CA]	0	0	0	20	0	0	0	0	0	20	0	20
5	10	0	0	0	10	10	0	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10	0	0	10
6	0	10	10	10	10	10	10	0	10	10	0	0	0	0	0	0	10	10	0	0	0	10	0	0	0	10
7	0	0	0	0	10	0	10	10	0	0	0	10	[CA]	0	0	10	10	10	0	10	10	20	0	0	0	20
8	0	0	0	0	0	0	10	0	0	0	10	10	10	0	10	0	0	10	0	10	10	10	10	0	0	10
9	10	0	0	0	0	10	10	10	0	0	30	10	0	10	10	10	0	0	0	0	0	0	10	0	10	30
10	0	0	0	0	0	0	0	0	0	0	0	[CA]	10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	20	0	10	10	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	10	0	0	10	0	0	[CA]	0	0	0	0	0	0	0	0	10	0	0	10	0	10
14	10	10	10	0	10	0	10	10	20	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	20
15	10	10	10	0	10	10	10	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
16	10	20	20	0	0	20	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10	20	10	0	10	20
17	10	20	10	10	10	10	20	80	60	30	20	10	20	10	0	0	0	0	0	0	10	0	0	10	10	80
18	20	20	20	10	10	10	10	0	10	0	10	0	0	0	0	0	0	0	0	0	10	10	0	10	10	20
19	20	10	10	0	0	10	10	20	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	10	10	0	20
20	0	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
21	0	0	0	0	10	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10
24	0	0	0	10	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
25	0	0	10	0	10	10	0	0	[CA]	0	0	10	10	[LI]	[LI]	[LI]	10	0	10	10	10	0	10	10	10	10
26	0	10	10	0	10	0	0	0	0	0	0	0	10	10	10	0	0	10	10	0	10	10	0	0	0	10
27	0	0	0	0	0	0	0	0	0	10	0	0	10	10	0	10	10	0	10	10	10	10	10	0	0	10
28	0	0	0	10	0	0	0	0	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	0	0	10	0	0	10	10	10	10	10	10	0	10	0	0	10	0	0	0	0	10	0	10	10
30	10	0	10	0	0	0	10	0	0	0	0	0	0	10	0	10	10	0	10	0	10	10	0	0	0	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	10	0	0	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	7	8	6	4	5	7	6	15	12	6	7	6	6	4	5	4	4	5	4	5	6	6	5	6	3	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	80	90	90	90	90	60	60	30	[IM]	[IM]	60	60	70	90
14	60	[IM]	40	50	50	50	50	50	50	40	[CA]	[CA]	[CA]	[CA]	[CA]	70	40	60	60	50	60	60	40	30	50	70
15	20	20	20	20	20	10	10	10	10	10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	20	20
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	60	70	70	80	80	70	60	30	20	20	20	20	50	80
24	20	20	10	10	10	20	10	0	0	10	10	10	10	10	10	0	10	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	10	20
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	60	70	70	70	70	70	80	70	70	70	70	70	60	70	80
26	50	50	60	50	40	50	40	40	40	40	50	70	80	80	80	90	80	70	70	60	60	60	60	60	60	90
27	50	50	50	50	50	40	40	40	40	50	50	60	80	80	90	90	80	70	70	60	60	60	60	50	60	90
28	50	50	40	40	40	40	40	30	30	40	40	[CA]	50	50	70	70	70	70	70	70	60	60	60	60	50	70
29	60	60	50	50	50	50	50	50	60	60	60	70	70	70	80	80	80	80	60	80	60	80	80	80	70	80
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	40	40	40	40	40	40	30	30	30	40	40	50	60	70	70	70	70	60	60	60	60	60	60	50	50	[ ]
SD	16	16	16	16	15	15	16	18	20	18	17	22	22	23	24	26	24	24	22	17	17	17	17	18	21	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	70	70	80	80	80	80	80	70	70	70	70	70	60	40	50	40	50	50	60	60	50	60	60	50	60	80
2	60	60	60	60	60	60	60	60	60	60	70	80	80	90	90	80	80	80	80	70	70	70	70	60	70	90
3	60	60	50	50	50	50	50	50	50	50	50	70	70	80	80	80	80	80	80	70	70	70	70	70	60	80
4	70	70	70	70	70	70	70	70	70	70	70	80	80	80	80	80	80	80	80	80	80	70	70	70	70	80
5	70	70	70	60	60	50	50	50	50	50	60	80	60	[CA]	90	90	90	60	70	70	60	60	50	50	70	90
6	50	50	50	40	40	40	40	40	40	50	60	60	70	80	70	80	80	80	70	70	70	60	60	50	60	80
7	50	50	50	50	50	50	50	50	50	50	60	80	80	80	90	90	90	90	80	80	70	60	60	60	70	90
8	60	50	50	50	50	50	50	50	50	50	50	70	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	50	70
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IN]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	80	70	70	70	70	70	70	60	60	60	60	60	50	70	80
12	50	50	50	50	50	50	50	50	50	60	60	60	70	70	70	70	70	70	60	60	50	50	50	50	60	70
13	40	40	40	40	40	40	40	40	40	50	60	70	70	80	80	80	90	80	80	70	60	60	60	60	60	90
14	60	50	60	60	60	60	60	60	50	60	60	70	70	70	80	80	80	60	80	60	70	70	70	70	70	80
15	70	60	50	50	50	50	50	50	50	60	70	70	80	80	80	80	80	80	70	70	70	60	60	70	70	80
16	60	60	60	50	50	50	50	40	50	60	70	70	80	80	80	90	90	80	70	70	70	70	60	60	70	90
17	50	50	50	50	40	40	40	40	40	50	50	[CA]	70	80	80	80	80	80	60	60	60	70	70	70	60	80
18	60	50	50	50	40	40	40	40	40	50	60	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	70	60	80	80	70	70	80	60	80
19	80	80	90	100	90	80	70	80	80	80	70	70	70	70	70	70	70	70	70	60	60	60	60	60	70	100
20	60	60	60	60	60	60	50	60	60	60	70	[CA]	80	80	80	80	80	80	80	80	80	70	70	50	70	80
21	50	60	60	60	60	60	60	70	70	70	70	70	70	80	80	80	80	90	90	80	70	60	60	50	70	90
22	50	50	40	40	40	40	40	40	40	50	60	70	70	70	70	80	80	70	70	60	60	60	60	70	60	80
23	60	60	60	60	60	50	50	50	60	70	80	[CA]	90	90	90	90	90	90	80	80	80	80	70	70	70	90
24	70	60	50	40	40	40	40	40	40	50	70	70	80	90	90	90	90	80	80	70	70	80	80	80	70	90
25	80	80	90	90	90	90	80	60	70	80	80	80	80	80	80	80	80	80	70	60	60	60	60	60	80	90
26	50	50	50	50	40	40	40	40	50	60	70	70	70	70	80	80	70	70	70	70	70	70	70	70	60	80
27	60	60	70	60	50	50	40	40	40	70	70	70	60	80	80	90	80	70	70	60	60	60	60	60	60	90
28	60	60	60	60	60	60	50	50	60	60	60	70	70	70	80	80	70	80	70	60	60	60	50	50	60	80
29	50	50	40	40	40	40	30	30	40	60	60	[CA]	80	80	80	80	70	70	70	70	60	60	60	60	60	80
30	60	60	60	60	50	50	40	40	50	60	70	80	80	80	80	80	80	60	70	60	60	60	50	50	60	80
31	50	50	40	40	40	30	30	30	40	60	70	70	70	70	80	80	80	80	80	80	70	60	60	50	60	80
AV	60	60	60	60	50	50	50	50	50	60	70	70	70	80	80	80	80	80	70	70	70	60	60	60	60	[ ]
SD	10	9	13	14	14	14	13	12	11	9	8	6	6	10	8	10	9	8	8	8	8	7	7	10	6	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	50	40	50	40	40	40	40	30	40	50	70	80	80	[CA]	80	80	80	90	90	90	80	80	90	80	60	90
2	60	60	70	60	50	50	40	40	40	89	80	90	90	90	100	90	100	90	90	70	70	60	60	50	70	100
3	40	50	40	40	40	40	40	40	40	50	70	70	80	90	100	90	90	90	90	70	70	70	60	60	60	100
4	50	40	40	40	40	40	30	40	30	50	60	60	70	[CA]	90	90	90	80	70	70	70	60	60	50	60	90
5	50	50	40	40	40	40	40	30	30	50	50	50	60	60	70	70	70	60	70	80	80	80	60	80	60	80
6	70	70	70	80	70	70	70	70	70	80	80	90	90	90	90	90	90	90	90	90	80	80	70	60	80	90
7	60	60	60	60	60	60	60	60	70	70	80	80	[CA]	80	80	80	80	80	80	70	60	60	60	50	70	80
8	50	50	40	40	40	40	30	30	40	50	70	70	80	80	80	90	90	90	90	80	70	70	60	60	60	90
9	70	70	70	70	70	60	60	70	80	90	100	110	120	120	130	130	130	110	100	100	90	70	70	70	90	130
10	60	50	50	50	50	40	40	40	50	70	80	80	90	90	90	90	90	90	80	80	70	70	70	50	70	90
11	50	50	50	40	40	40	40	40	40	60	70	70	80	90	90	100	100	100	100	90	80	70	70	70	70	100
12	50	50	60	60	60	60	60	70	70	80	90	80	80	80	80	80	80	80	70	70	70	70	70	60	70	90
13	60	60	60	50	60	60	60	60	70	70	70	[CA]	70	70	70	70	70	70	70	70	50	50	50	50	60	70
14	50	50	40	50	50	50	40	70	70	70	80	80	80	70	70	80	80	70	80	70	60	50	60	60	60	80
15	60	50	60	60	60	60	60	70	70	80	80	80	60	80	80	80	90	80	80	70	70	70	60	60	70	90
16	50	50	50	40	40	50	50	60	70	80	80	80	80	90	80	90	80	80	80	80	70	60	70	60	70	90
17	60	60	60	60	60	60	50	[LI]	50	50	50	50	60	70	70	70	70	70	70	60	60	60	70	70	60	70
18	60	50	50	50	40	40	40	50	60	60	70	70	70	70	70	70	70	60	80	80	80	80	70	50	60	80
19	50	60	60	50	50	50	50	50	60	60	70	[CA]	70	70	70	80	80	80	70	70	80	90	90	90	70	90
20	70	70	60	50	50	50	50	50	70	80	80	80	90	80	80	80	80	80	80	70	70	70	70	70	70	90
21	70	60	60	60	60	60	50	50	50	70	80	90	90	100	100	100	90	100	100	100	80	70	70	60	80	100
22	60	70	60	60	70	70	70	80	80	90	110	120	[CA]	110	110	100	100	90	80	80	70	100	100	100	90	120
23	90	90	80	80	70	70	80	80	80	80	80	90	90	90	100	100	110	110	90	80	70	60	60	60	80	110
24	60	50	40	40	40	40	40	40	50	60	80	80	90	90	90	90	90	90	80	70	80	80	80	70	70	90
25	70	60	50	50	50	50	50	50	[CA]	70	70	80	90	90	90	90	90	90	80	80	70	70	50	60	70	90
26	70	80	70	70	70	60	70	70	70	70	70	70	70	80	80	80	80	80	80	60	70	60	60	50	70	80
27	60	50	50	50	50	50	60	60	70	70	70	80	80	80	90	90	90	80	80	80	70	70	60	60	70	90
28	50	50	50	50	40	40	40	40	60	60	[CA]	70	80	80	80	90	90	90	90	90	90	80	60	60	70	90
29	50	50	50	40	40	50	40	40	50	70	70	80	80	90	90	90	90	90	90	90	80	60	80	80	70	90
30	70	70	70	70	70	60	60	70	80	80	80	90	90	90	90	90	90	90	80	80	60	50	60	60	80	90
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	60	60	60	50	50	50	50	50	60	70	80	80	80	80	90	90	90	90	80	80	70	70	70	60	70	[ ]
SD	10	11	11	12	11	10	13	15	15	12	12	14	12	12	13	12	12	11	9	10	9	11	11	12	7	[ ]

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	94	94	94	94	94	112	118
2	94	94	84	92	87	89	96	98	98	96	109	115	115	107	104	96	98	96	102	102	98	102	96	94	98	115
3	94	87	94	96	94	98	107	107	109	98	102	109	118	131	112	107	107	112	107	115	118	109	107	104	106	131
4	96	89	80	64	57	63	112	115	109	98	104	134	204	168	168	147	152	147	157	174	181	181	162	162	130	204
5	168	168	174	174	174	147	134	131	121	112	115	109	115	124	124	124	124	121	107	104	107	107	107	104	129	174
6	102	100	107	104	100	94	92	90	90	94	104	104	98	107	100	102	94	94	94	89	85	84	87	85	96	107
7	87	84	82	82	84	81	80	80	54	54	46	49	51	51	53	57	64	76	68	64	64	67	75	76	68	87
8	76	77	76	76	75	72	72	73	70	69	71	73	73	75	76	77	72	64	64	61	64	64	64	66	71	77
9	69	68	69	68	69	72	71	68	68	66	66	68	71	68	67	75	134	196	224	224	224	87	62	59	96	224
10	59	107	157	188	181	188	196	196	204	196	188	181	204	224	181	174	168	181	162	157	142	142	127	121	168	224
11	112	115	112	118	121	121	121	115	112	118	112	115	115	112	118	109	121	121	98	94	102	96	89	84	110	121
12	82	81	78	78	81	82	64	77	78	80	87	78	64	67	78	70	58	59	58	58	51	48	50	49	70	87
13	49	51	50	51	51	53	53	53	55	54	58	67	72	66	65	67	73	71	76	63	63	52	54	56	59	76
14	57	53	58	58	57	64	64	67	60	61	68	72	75	78	81	73	224	235	235	214	188	181	131	181	112	235
15	181	188	162	152	152	138	138	131	127	121	127	92	76	96	100	98	102	112	89	89	107	188	204	174	131	204
16	174	168	168	168	168	152	168	168	188	174	188	188	181	196	204	181	188	188	181	214	214	204	138	181	183	214
17	188	142	181	214	204	188	162	188	168	204	188	204	224	196	196	168	196	188	214	214	204	181	131	196	192	224
18	196	224	196	196	204	196	196	204	196	204	204	188	214	214	188	181	188	196	181	174	188	174	138	157	193	224
19	168	168	174	162	152	157	162	162	152	162	157	162	168	196	224	224	188	162	204	196	214	188	181	196	178	224
20	174	174	174	131	181	188	174	174	162	157	162	188	174	188	188	181	181	168	168	152	157	157	138	138	171	188
21	131	142	147	142	138	118	124	127	131	134	138	147	152	174	174	168	188	174	162	147	124	142	134	118	145	188
22	131	131	124	124	115	118	127	131	124	127	131	131	131	131	147	157	152	131	138	138	131	124	121	115	130	157
23	107	115	115	112	112	107	94	104	104	124	115	107	104	127	124	134	131	121	118	100	104	104	92	87	111	134
24	89	92	92	87	87	90	90	90	94	102	90	96	90	90	102	118	124	138	134	138	121	127	124	124	105	138
25	131	134	131	115	121	121	127	127	131	127	131	134	147	174	152	162	168	168	162	157	152	152	147	138	142	174
26	138	134	98	104	124	115	121	121	124	121	109	104	112	127	147	147	152	162	147	152	138	127	109	102	126	162
27	112	112	104	102	104	104	107	115	124	124	112	109	121	127	131	134	152	162	174	152	162	142	138	138	128	174
28	142	152	142	134	134	147	142	142	138	134	142	142	152	157	224	261	247	294	261	214	196	204	196	204	179	294
29	235	157	157	157	157	157	235	235	235	235	235	235	235	235	235	235	235	235	235	157	157	157	118	94	198	235
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	123	122	121	121	121	119	123	124	122	123	123	125	130	135	137	137	145	148	145	138	136	131	125	121	129	[ ]
SD	46	41	41	44	43	40	43	44	45	46	45	45	51	51	51	52	50	54	56	51	49	45	45	44	40	[ ]

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	112	102	121	131	109	109	127	142	147	168	162	147	138	112	104	69	82	96	118	204	224	224	188	214	140	224
2	204	204	181	188	196	196	204	196	196	188	188	214	181	168	162	152	162	188	174	174	181	168	162	162	183	214
3	162	147	147	157	152	152	131	134	138	142	157	142	134	121	112	124	124	115	104	109	109	102	98	100	130	162
4	109	115	124	134	147	142	138	138	142	138	138	134	134	134	152	147	147	157	142	127	142	147	138	109	136	157
5	96	90	85	85	81	87	87	87	96	98	96	94	102	98	94	94	96	94	98	96	90	90	90	81	92	102
6	87	87	89	89	90	89	90	90	90	96	102	102	104	102	94	90	87	85	85	82	75	76	77	77	89	104
7	71	77	78	81	76	77	80	77	81	82	87	63	65	64	65	67	65	60	58	57	57	57	56	56	69	87
8	56	57	52	53	59	61	66	61	60	64	76	81	76	81	82	84	81	76	81	70	71	69	68	61	69	84
9	60	63	59	62	64	64	64	69	66	68	80	84	63	63	70	64	64	65	70	69	68	67	66	59	66	84
10	59	57	52	54	59	62	72	73	70	76	82	77	78	82	87	80	77	80	82	78	73	70	72	72	72	87
11	90	81	78	77	121	142	131	118	118	121	147	162	188	152	188	196	174	147	152	152	152	138	134	134	137	196
12	118	98	96	87	81	89	92	96	96	90	90	104	112	115	115	115	112	115	112	109	109	96	98	96	102	118
13	92	85	87	90	89	96	100	100	98	104	112	115	[LI]	100	118	115	112	107	107	100	98	98	94	92	100	118
14	90	92	94	87	94	96	98	94	90	92	100	107	115	115	118	127	162	196	214	214	188	188	196	196	132	214
15	181	188	181	188	188	188	181	181	188	196	188	247	235	276	313	294	276	313	276	224	224	188	138	174	220	313
16	147	152	134	138	142	147	157	147	152	142	147	162	157	152	168	174	168	174	168	174	147	157	157	162	155	174
17	134	138	152	147	152	142	134	134	142	157	152	162	188	235	261	235	224	214	224	235	181	174	152	162	176	261
18	162	168	168	152	152	157	162	157	152	181	174	162	188	235	224	224	247	247	235	214	188	168	131	152	165	247
19	134	109	98	82	69	68	118	188	134	[CA]	131	157	181	188	204	196	204	204	196	188	188	168	196	188	157	204
20	188	174	168	162	162	168	174	174	174	188	188	188	196	214	214	204	204	196	204	214	181	204	196	181	188	214
21	168	174	174	181	181	181	188	181	157	174	162	188	188	188	204	224	214	196	174	162	181	168	157	168	181	224
22	168	152	147	147	147	157	152	147	157	157	157	162	161	174	204	247	276	294	261	224	224	196	176	196	188	294
23	204	204	181	168	162	168	162	162	174	196	235	157	181	214	247	181	224	224	204	168	152	142	147	138	183	247
24	142	142	134	131	138	147	142	134	147	157	181	188	204	235	247	204	196	188	204	224	214	196	176	188	178	247
25	168	152	134	127	124	127	59	102	214	196	168	168	181	196	214	196	181	188	204	188	196	196	196	168	168	214
26	157	162	162	162	162	168	168	168	157	147	152	157	168	174	168	181	214	214	214	196	181	181	174	174	173	214
27	162	157	142	142	147	152	152	162	152	157	152	152	157	162	134	134	127	142	157	157	181	181	162	138	153	181
28	152	162	168	168	168	152	147	142	162	168	174	174	188	188	196	204	196	196	196	162	174	168	162	157	172	204
29	152	157	147	142	142	157	147	157	142	147	157	162	181	214	196	181	174	188	174	157	168	168	152	124	162	214
30	115	138	138	142	131	115	121	118	134	142	142	174	162	181	204	214	224	204	214	214	181	174	157	157	162	224
31	162	157	147	142	138	142	142	147	142	147	157	162	181	181	196	214	204	224	224	224	214	204	204	181	176	224
AV	132	130	126	126	127	129	129	131	134	139	143	147	154	159	166	162	164	167	165	160	155	150	145	139	145	[ ]
SD	42	42	39	40	39	39	38	37	38	40	38	41	45	55	62	60	61	64	59	55	51	48	46	46	42	[ ]

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	157	157	157	157	157	157	157	118	157	157	157	157	235	157	235	162	196	196	196	174	168	157	157	39	163	235
2	21	25	26	28	28	28	28	27	33	43	51	52	67	82	102	100	98	98	98	104	94	94	85	90	63	104
3	90	89	90	85	87	92	90	94	92	98	107	112	118	142	152	168	224	204	204	181	162	152	168	134	131	224
4	134	134	124	118	118	109	109	107	121	131	127	147	147	162	134	138	147	147	147	138	142	134	124	121	132	162
5	115	115	104	104	102	100	102	102	100	102	109	112	138	168	181	168	188	204	214	138	124	102	94	98	129	214
6	134	168	162	162	157	152	142	142	142	168	162	162	174	181	181	174	162	174	162	162	152	147	152	157	160	181
7	168	174	174	168	157	157	138	115	107	115	138	147	147	214	152	152	157	157	181	188	174	157	162	174	157	214
8	152	138	134	131	127	124	131	124	127	134	152	174	168	204	247	214	224	204	174	188	188	174	174	157	165	247
9	147	147	147	138	138	134	112	104	118	127	162	168	147	174	181	214	214	204	224	224	188	181	152	157	163	224
10	118	118	118	118	118	118	118	118	118	118	157	157	157	196	181	224	235	235	235	224	204	196	204	181	165	235
11	181	181	162	162	152	147	157	157	152	152	168	188	196	235	294	261	276	261	276	261	235	235	188	196	203	294
12	204	174	162	162	162	162	168	162	157	162	162	181	181	174	174	204	188	152	168	152	152	142	131	124	165	204
13	118	109	104	104	98	100	104	112	107	102	115	124	118	124	142	138	142	131	157	152	168	147	138	142	125	168
14	134	142	142	147	138	147	134	147	162	196	204	214	214	224	224	188	196	224	181	214	204	188	174	139	178	224
15	134	138	157	174	174	174	181	204	174	168	181	188	188	196	204	204	188	188	214	235	204	204	204	204	188	235
16	181	188	181	196	204	196	196	196	181	181	188	196	204	224	235	247	247	224	196	196	181	168	174	181	198	247
17	188	142	142	131	112	100	92	90	100	107	112	112	138	138	142	147	157	168	174	174	162	147	142	109	134	188
18	87	82	85	85	81	81	80	85	87	94	102	121	124	142	134	152	152	162	131	142	147	134	142	131	115	162
19	134	131	157	134	134	127	131	127	138	134	138	147	142	142	152	181	181	181	168	168	131	100	107	112	142	181
20	104	107	96	98	98	98	96	100	102	115	134	131	134	162	174	181	214	214	214	204	168	168	152	152	142	214
21	152	152	152	152	152	157	152	142	152	162	162	147	174	162	162	147	147	152	147	142	134	124	134	127	149	174
22	127	127	124	127	127	131	131	142	152	142	124	109	127	115	118	118	121	131	157	138	127	100	102	112	126	157
23	204	115	134	134	138	174	181	174	174	174	188	196	196	204	204	196	188	188	168	214	224	224	168	235	185	235
24	157	168	174	181	168	157	174	157	181	181	196	204	196	224	247	214	196	188	196	181	204	188	188	188	188	247
25	174	162	168	162	162	162	142	147	152	168	162	142	124	131	131	109	127	138	181	157	157	162	168	157	152	181
26	157	157	157	134	134	152	162	138	138	142	134	142	162	174	162	188	181	181	181	181	157	168	157	174	159	188
27	174	162	157	142	115	104	124	134	138	152	168	157	188	181	181	196	174	181	181	181	162	168	157	162	160	196
28	162	152	142	142	142	147	142	147	157	147	118	118	118	118	118	157	157	157	157	118	118	118	157	157	140	162
29	157	138	138	138	142	147	147	138	138	134	138	152	142	168	162	168	152	162	152	152	134	131	127	109	144	168
30	115	118	107	104	107	104	107	118	121	118	118	121	118	134	147	142	152	152	152	142	142	138	131	121	126	152
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	143	137	136	134	131	131	131	129	133	138	144	149	156	168	175	175	179	179	180	174	164	155	151	145	152	[ ]
SD	37	33	33	34	33	34	35	34	32	33	33	35	36	37	44	38	39	35	34	36	32	35	30	39	28	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	5	10	10	10	10	10	5	5	10	5	10	5	10	10	10	10	10	10	10	10	10	10	10
3	10	10	5	10	10	10	5	5	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	10
4	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	10	10	5	5	10	10	5	5	5	10	10	10	10	10	10	10	5	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	5	10	5	10	10	10	10	10	5	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	5	10	10	5	10	5	5	5	5	5	5	10	5	10	10
9	10	5	10	5	5	5	10	10	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	10	5	10
10	10	5	10	10	10	10	5	5	5	5	5	5	10	5	10	5	5	5	5	5	5	10	5	10	5	10
11	5	5	5	10	10	5	5	10	5	5	5	5	5	10	5	10	5	5	5	5	5	5	10	5	5	10
12	5	10	5	5	5	10	5	5	5	5	5	5	10	10	10	10	10	10	10	10	5	5	10	5	5	10
13	5	5	5	5	5	5	10	5	10	5	5	5	10	10	5	5	5	5	10	5	5	5	5	5	5	10
14	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	10	5	10
15	5	5	10	5	5	5	10	5	5	5	5	5	0	5	5	5	5	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	5	10
16	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
17	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	10	15	10	10	10	10	10	15
18	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15	15	15	15
19	15	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	15	15	15	15	15	15	15
20	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
21	15	15	15	15	10	15	15	15	15	10	10	10	15	10	15	15	10	10	10	10	15	15	15	15	15	15
22	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15	15	15	10	15	15	10	15	15	15	15
23	15	20	20	20	20	20	20	20	20	20	15	10	15	10	10	10	10	10	10	15	10	15	15	15	15	20
24	15	15	15	15	15	15	15	15	15	15	20	15	15	15	15	15	10	15	10	15	15	15	15	15	15	20
25	15	15	10	15	10	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	10	15	15	15	10	15
26	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15
27	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	5	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )
SD	4	5	5	5	4	5	5	5	5	5	5	4	5	3	4	4	4	4	4	4	5	4	4	5	4	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	[LI]	[LI]	[LI]	[LI]	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 3
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
4	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
16	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 3
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	0	5	5	5	5	5	5	5	0	0	5	[LI]	[LI]	[LI]	[LI]	0	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	0	0	0	0	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	0	5	5
11	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	0	5	5	0	5	0	5	5	5
15	5	0	5	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	5	0	5
20	0	5	0	0	0	5	5	5	5	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	5
21	0	5	5	0	0	5	5	5	5	5	0	0	0	5	0	0	0	0	0	0	0	0	5	5	0	5
22	5	5	0	0	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	5	0	0	5	0	0	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	5
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	5	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	[ ]
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
4	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5	5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	[RF]	[RF]	[RF]	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	0	0	5	5	5
12	5	5	5	5	5	[RF]	5	5	5	5	5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	[RF]	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
16	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	0	0	0	0	0	0	5
18	0	0	0	0	5	0	0	0	0	5	5	5	10	5	5	5	5	5	5	5	0	0	0	0	5	10
19	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
24	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5
28	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5
29	5	5	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	10	10	10	10	10
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	1	2	2	2	1	2	2	2	2	1	1	1	1	1	0	0	0	1	1	2	2	2	2	2	1	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	0	0	5	5
9	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	5	5
10	0	0	5	5	5	5	5	5	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	0	0	0	5	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	0	5	5	5	5
13	5	5	5	5	0	5	5	5	5	5	5	0	0	0	0	0	5	0	0	0	5	0	0	0	5	5
14	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5
15	5	5	5	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
16	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	5	0	0	0	0	0	5	0	5	0	0	0	0	0	5	5	0	0	5	0	5
20	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
21	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	5	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	5	0	5	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

APRIL, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	5	0	5
9	5	5	5	5	5	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
10	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	5
14	0	0	0	0	5	0	0	0	0	0	0	5	0	5	5	0	0	0	0	0	0	0	0	5	0	5
15	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
16	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	0	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5
18	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	5	5	5	5	5	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	5	5	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	5	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	0	5
27	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	2	1	2	2	1	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	330	460	330	390	330	260	460	390	390	590	590	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	410	590
3	[RF]	[RF]	460	390	260	330	330	330	460	590	660	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	460	520	440	660
4	660	460	590	520	520	520	520	260	460	260	260	330	[FO]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	450	660
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	260	390	260	390	460	460	390	460	260	460	460	460	460	460	460	460	410	460
6	460	460	460	460	460	460	460	460	460	460	590	460	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	520	590	520	490	590
7	520	460	520	520	520	520	520	520	390	460	520	520	390	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	460	520	590	590	500	590
8	520	590	520	520	390	520	520	520	520	520	390	390	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	490	590
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	390	390	460	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	410	460
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	330	330	330	330
11	260	260	260	330	260	260	390	390	330	330	[RF]	[RF]	[RF]	330	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	330	390	330	330	320	390
12	520	590	520	520	520	[RF]	520	590	520	520	520	[RF]	[RF]	[RF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	530	590
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	460	330	330	330	330	390	390	460	460	390	460	390	390	460
14	390	390	460	390	460	460	390	390	390	390	390	460	330	330	330	330	330	200	200	200	260	200	260	260	340	460
15	260	260	260	260	330	330	330	390	330	330	260	260	260	260	260	260	330	390	660	520	660	590	330	330	350	660
16	520	520	590	590	660	590	590	590	590	520	460	390	520	590	660	590	660	660	660	660	660	460	330	330	560	660
17	260	330	330	260	260	260	330	590	390	390	260	460	390	390	390	460	260	390	260	260	260	260	260	260	330	590
18	390	390	390	460	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	460
19	260	260	260	330	260	260	390	260	260	260	260	260	260	260	260	260	390	390	330	330	260	260	200	200	280	390
20	260	260	260	330	260	260	260	260	260	260	330	260	390	260	260	260	330	330	260	260	260	200	200	260	270	390
21	390	390	460	460	460	460	460	460	460	460	460	260	330	260	260	260	260	260	260	330	390	330	330	260	360	460
22	260	460	390	460	460	460	460	520	460	460	460	260	390	260	260	260	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	390	520
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	390	410	420	420	400	400	430	430	410	420	420	360	350	350	350	350	350	390	390	390	400	380	370	360	400	[ ]
SD	125	108	112	95	117	112	66	111	92	103	128	89	72	94	113	106	112	116	155	133	144	122	119	111	76	[ ]

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        TOTAL HYDROCARBONS
        (MICROGRAMS/CU. METER)
                                                   WHITE RIVER SHALE PROJECT,UTAH        ************************
                                                                                         *                      *
                                                   SITE A  3                             *  PRELIMINARY DATA    *
                                                                                         *  AS OF 01/JUL/76     *
                                                   MARCH,1976                            *                      *
                                                                                         ************************
                                                   AEROVIRONMENT INC.                    *                      *
                                                                                         *     SUBJECT TO       *
                                                                                         *      REVISION        *
                                                                                         *                      *
                                                                                         ************************

                                    CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                               P
 A                                                                                                               E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                               K

  1 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  2 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  3 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  4 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  5 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  6 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  7 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  8 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  9 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 10 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 11 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 12 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 13 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 14 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 15 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 16 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 17 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 18 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 19 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 20 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 21 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 22 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 23 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 24 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 25 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 26 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 27 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 28 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 29 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 30 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 31 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]

 AV [   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ] [   ]
 SD [   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ][   ] [   ]
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TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	[MT]	[MT]	[MT]	[MT]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	790	810	870	890	810	860	840	890
9	1010	890	930	910	1060	950	830	930	860	830	690	830	790	840	830	790	810	750	840	790	800	860	850	830	860	1060
10	790	790	810	870	820	830	870	800	1040	850	910	790	980	1050	790	790	790	790	920	850	850	920	850	1050	870	1050
11	870	790	800	830	850	750	810	810	800	830	830	820	870	770	760	770	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	810	870
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	820	830	830	880	840	810	840	800	930	800	700	800	840	820	930
14	810	810	800	840	810	650	890	870	900	840	790	840	830	900	820	820	820	800	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	840	900
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	950	840	920	890	910	880	830	790	850	770	840	780	840	840	850	950
17	890	920	850	850	860	860	920	840	960	820	890	830	780	830	790	900	930	870	890	970	880	840	920	840	870	970
18	700	790	770	710	770	830	820	830	770	760	810	790	800	860	950	940	760	850	820	770	820	790	790	730	800	950
19	750	750	830	690	770	770	830	770	770	750	790	920	910	920	960	910	910	890	920	820	870	830	830	840	830	960
20	870	780	900	890	880	1000	850	900	950	920	880	910	880	910	900	830	880	860	800	810	880	900	810	850	880	1000
21	840	770	810	800	810	820	890	890	960	910	800	860	840	940	840	820	910	830	810	830	840	800	860	840	850	960
22	810	770	880	780	840	940	790	760	820	840	[CA]	850	850	870	830	860	850	810	850	900	820	830	830	850	840	940
23	840	870	820	810	850	810	820	820	800	830	810	880	830	790	640	820	850	850	840	830	860	830	830	830	830	880
24	830	820	680	810	830	910	970	850	860	840	920	840	840	680	830	830	840	880	830	840	890	830	840	860	860	970
25	810	820	880	900	860	890	980	960	910	920	920	920	920	850	920	1050	960	950	920	890	940	870	980	950	920	1050
26	980	960	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	970	980
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	850	920	920	850	920	850	850	790	790	850	650	850	850	850	850	860	920
29	840	940	930	920	860	930	850	910	910	860	920	990	920	880	870	840	820	870	850	840	850	910	880	1000	890	1000
30	840	880	840	890	970	900	940	910	840	860	850	860	850	840	870	920	840	950	830	840	850	890	860	900	880	970
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	840	830	850	830	860	870	870	860	830	840	870	860	860	880	860	860	850	850	850	840	850	840	850	870	860	[ ]
SD	73	64	48	67	71	65	57	57	77	46	53	51	51	61	53	65	51	53	41	52	34	54	44	71	37	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	260	330	260	200	200	200	260	260	260	330	260	260	260	260	390	260	260	330	330	260	260	260	200	200	260	390
2	200	200	200	330	200	200	260	330	200	330	260	260	260	260	260	260	260	200	330	260	200	200	200	260	250	330
3	260	260	260	200	390	260	260	330	330	520	460	460	460	460	460	460	520	520	520	590	520	520	520	590	420	590
4	590	520	660	660	720	720	850	590	850	590	460	330	[FO]	330	260	260	460	520	520	590	590	520	520	520	550	850
5	520	520	590	520	520	590	660	590	720	850	660	790	790	660	520	790	720	850	850	720	720	790	920	720	690	920
6	660	720	790	720	850	790	720	790	660	790	660	720	720	[CA]	850	790	790	850	850	850	790	790	850	850	780	850
7	980	850	850	850	850	850	920	850	790	850	920	920	650	850	920	790	790	720	720	850	920	980	920	920	860	980
8	850	980	850	920	920	920	920	920	850	920	920	850	920	920	850	850	850	850	850	850	850	850	850	850	880	980
9	790	850	850	850	790	850	790	850	850	790	720	790	790	790	790	720	590	590	520	520	520	790	920	850	760	920
10	720	590	520	590	520	520	520	520	520	520	590	590	520	[CA]	460	520	590	520	590	660	720	720	660	590	580	720
11	590	660	660	660	590	590	590	590	590	590	590	590	590	590	590	660	720	790	850	850	720	790	720	790	660	850
12	850	850	790	790	850	850	850	790	790	850	790	850	790	790	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	820	850
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	850	790	850	850	790	650	850	850	850	850	790	850	840	850
14	850	850	850	850	850	850	790	790	850	790	790	850	720	790	660	790	590	520	520	590	590	520	520	590	720	850
15	590	590	590	590	720	660	660	660	660	590	590	590	590	590	520	590	660	790	720	790	790	660	520	520	630	790
16	660	660	660	660	660	590	590	590	520	520	520	520	720	660	720	590	660	790	720	660	720	590	520	520	630	790
17	520	590	460	460	460	520	520	520	520	520	520	590	590	590	520	660	660	590	460	590	520	520	520	520	540	660
18	590	590	590	590	590	660	660	590	590	660	660	660	590	660	590	590	660	590	590	590	590	590	590	590	610	660
19	590	590	590	590	590	590	660	590	590	590	590	590	520	520	590	520	660	660	590	590	590	520	520	520	580	660
20	520	520	520	590	520	590	590	590	590	590	520	590	660	520	520	590	590	590	590	660	590	660	520	590	580	660
21	590	660	660	660	660	660	660	660	590	590	590	520	520	590	520	520	590	590	590	660	660	660	660	590	610	660
22	590	660	660	660	720	660	720	790	660	660	660	590	590	520	520	520	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	640	790
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	610	620	610	620	630	620	640	630	620	640	610	610	630	610	590	600	620	640	630	650	640	640	620	620	630	[ ]
SD	195	193	190	192	198	202	192	174	184	161	168	184	173	182	182	180	153	175	163	168	178	189	206	187	164	[ ]

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METHANE
(MICROGRAMS/CU. METER)
                                                    WHITE RIVER SHALE PROJECT,UTAH        *********************
                                                                                          *                   *
                                                    SITE A  3                             *  PRELIMINARY DATA *
                                                                                          *  AS OF 01/JUL/76  *
                                                    MARCH,1976                            *                   *
                                                                                          *********************
                                                    AEROVIRONMENT INC.                    *                   *
                                                                                          *    SUBJECT TO     *
                                                                                          *     REVISION      *
                                                                                          *                   *
                                                                                          *********************

                                     CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                             P
 A                                                                                                             E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                             K

  1 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  2 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  3 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  4 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  5 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  6 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  7 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  8 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  9 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 10 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 11 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 12 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 13 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 14 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 15 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 16 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 17 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 18 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 19 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 20 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 21 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 22 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 23 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 24 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 25 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 26 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 27 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 28 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 29 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 30 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 31 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]

 AV [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
 SD [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ] [   ][   ] [   ]
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3

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	[MT]	[MT]	[MT]	[MT]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	1110	1050	980	1050	1050	1050	1050	1110
9	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110	1050	1110	1110	1060	1110
10	1050	1110	1050	1050	980	980	1050	1050	980	980	980	660	790	1050	850	1050	1050	1050	1110	[IM]	1110	1050	1050	1440	1020	1440
11	1110	790	980	1050	1050	1050	850	980	1110	1050	1110	1110	1050	920	980	980	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1010	1110
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1050	980	1110	1050	1050	980	1050	1050	1050	1110	1050	1050	1050	1050	1110
14	980	1050	1050	1050	1050	1050	1050	1050	850	1050	1110	1050	1050	1050	1050	1050	1050	1050	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1040	1110
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	980	1050	1110	1050	1050	1110	1180	1050	1050	1050	1050	1050	1050	1050	1060	1180
17	1050	1110	1110	1050	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1050	1050	1110	1110	1110	1110	1050	1050	1050	1050	1090	1110
18	[IM]	1110	1110	1110	1050	1110	1110	1110	1110	1110	1110	980	1050	980	1110	1050	1110	1110	1050	1050	1050	1110	1050	1050	1080	1110
19	1110	1110	1110	1110	1110	1110	1050	1110	720	1110	1050	1110	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110	1060	1110
20	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1050	1110	1110	1110	1110	1050	1050	1110	1050	1050	1050	1050	1050	1090	1110
21	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110	1050	1050	1050	1050	1110	1050	1050	1050	1060	1110
22	1050	1050	1110	1050	1050	1050	1050	1050	1050	1050	[CA]	1050	790	1110	1050	[IM]	980	[IM]	980	1050	[IM]	850	1110	1110	1030	1110
23	660	[IM]	1050	520	[IM]	1050	1050	1050	1050	[IM]	1310	790	590	520	1110	[IM]	[IM]	[IM]	980	980	1050	[IM]	[IM]	[IM]	920	1310
24	[IM]	[IM]	1050	[IM]	1050	[IM]	1050	[IM]	[IM]	660	1050	1050	[IM]	1110	[IM]	[IM]	[IM]	980	[IM]	1050	1050	850	1050	[IM]	1000	1110
25	[IM]	[IM]	[IM]	[IM]	1050	[IM]	[IM]	[IM]	1050	1050	[IM]	[IM]	1110	1110	1180	980	1180	1050	1110	980	1110	960	1050	1050	1070	1180
26	720	590	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	660	720
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1050	1050	1110	1050	980	1050	980	1050	980	1180	1050	1110	1050	660	980	1020	1180
29	920	1050	1050	1050	1050	1050	790	1110	1110	1110	1050	1050	1110	1050	1110	1050	1110	1110	1110	1110	980	650	1050	1050	1050	1110
30	850	1050	980	980	980	1180	[IM]	1180	1110	1050	1110	850	1050	1110	1180	980	1050	1110	1110	1050	850	1050	1110	1050	1040	1180
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	980	1020	1060	1020	1050	1070	1030	1080	1030	1040	1080	1010	1010	1030	1060	1040	1070	1060	1080	1050	1050	1010	1040	1080	1020	[ ]
SD	143	148	43	148	38	47	93	48	111	107	75	122	141	134	73	45	57	40	51	33	67	81	100	100	92	[ ]

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	130	240	130	70	130	70	200	70	200	260	330	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	170	330
3	[IM]	[IM]	200	200	0	70	70	0	130	70	200	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	90	200
4	70	0	0	0	0	0	0	0	0	0	0	0	[FU]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	70
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0
12	0	0	0	0	0	[IM]	0	0	0	0	0	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
17	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	20	20	20	10	10	20	10	20	20	30	0	0	0	0	0	0	0	0	0	0	0	0	0	10	[ ]
SD	35	63	54	49	31	23	49	23	54	61	68	0	0	0	0	0	0	0	0	0	0	0	0	0	39	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A- 3

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

HYDROCARBONS [METHANE REDUCED]
[MICROGRAMS/CU. METER]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	[MT]	[MT]	[MT]	[MT]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0
9	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
10	0	0	0	0	0	0	0	0	50	0	0	130	200	0	0	0	0	0	0	[IM]	0	0	0	0	20	200
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	50
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	[CA]	0	70	0	0	[IM]	0	[IM]	0	0	[IM]	0	0	0	0	70
23	180	[IM]	0	280	[IM]	0	0	0	0	[IM]	0	90	240	270	0	[IM]	[IM]	[IM]	0	0	0	[IM]	[IM]	[IM]	70	280
24	[IM]	[IM]	0	[IM]	0	[IM]	0	[IM]	[IM]	180	0	0	[IM]	0	[IM]	[IM]	[IM]	0	[IM]	0	0	0	0	[IM]	20	180
25	[IM]	[IM]	[IM]	[IM]	0	[IM]	[IM]	[IM]	0	0	[IM]	[IM]	0	0	0	70	0	0	0	0	0	0	0	0	0	70
26	260	370	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	320	370
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	200	0	10	200
29	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	10	60
30	0	0	0	0	0	0	[IM]	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	30	30	0	20	0	0	0	0	10	10	0	10	30	20	0	0	0	0	0	0	0	0	10	0	20	[ ]
SD	81	99	0	75	3	0	16	0	21	45	0	36	72	62	0	17	0	0	0	0	0	15	48	0	69	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	.5	.3	.2	.4	.1	.5	.2	.3	.7	.8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.4	.8
3	[RF]	[RF]	[RF]	.6	.2	.1	.2	.3	.1	.2	.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.9	.6	.4	.9
4	.7	.7	.5	.8	1.1	[RF]	[RF]	1.2	[RF]	.6	.9	.7	[FO]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.8	1.2
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.9	.7	.6	1.3	1.1	.6	.3	.5	[RF]	.5	1.0	1.0	.7	.6	1.1	.0	.8	1.3
6	1.0	1.1	1.0	[RF]	.8	1.0	1.3	1.3	.5	.9	.9	.7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.8	.7	1.3	1.0	1.3
7	.7	1.2	.6	[RF]	.9	1.2	.8	.5	1.1	.6	[RF]	.6	.6	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.7	.8	1.2
8	.9	.9	1.1	.6	.9	1.6	.5	.8	.2	.7	.6	1.1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.8	1.6
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1.0	.4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.7	1.0
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.5	.4	.5	.5
11	.2	.2	.6	.5	.1	.9	.7	.6	[RF]	.2	[RF]	[RF]	[RF]	.3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.6	.6	.5	1.2	.5	1.2
12	.2	1.2	.5	.4	.1	[RF]	.6	.7	.6	.3	.3	[RF]	[RF]	[RF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.5	1.2
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	.9	.8	.6	.3	.2	.3	.3	.4	.2	.5	.6	.2	.4	.9
14	.1	.2	.1	.1	.4	.0	.2	.3	1.1	.1	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	1.1
15	.1	.4	.3	.0	.0	.2	.3	.4	.1	.0	.2	.1	.0	.0	.0	.0	.0	.3	.2	.2	.0	.3	.0	.0	.1	.4
16	.0	.0	.0	.1	.1	.3	.1	.1	.3	.1	.5	.3	.6	.3	.8	.3	.6	.9	.7	.0	.1	.1	.0	.2	.3	.9
17	.0	.3	.2	.3	.1	.7	.1	.3	.2	.0	.2	.3	1.2	1.2	1.2	.6	.6	.5	.2	1.1	.1	.1	1.4	.2	.5	1.4
18	.4	.1	.7	.5	.5	.2	.2	.1	.2	.0	.5	.6	.7	.3	.5	.3	.3	.2	.2	.2	.0	.1	.1	.1	.3	.7
19	.5	.1	.3	.6	.0	.2	.2	.3	.0	.1	.1	.1	.1	.3	.2	.2	.2	.5	.3	.3	.1	.4	.1	.1	.2	.6
20	.1	.1	.2	.0	.0	.1	.1	.1	.1	.4	.1	.5	.6	.7	.2	.3	.2	.3	.2	.3	.2	.7	.0	.1	.2	.7
21	.1	.1	.2	.2	.7	.1	.2	.8	.3	.3	.5	.7	.3	.3	.2	.1	.2	.3	.5	.2	.1	.1	.3	.1	.3	.8
22	.2	.1	.2	.5	.1	.4	.6	.0	.2	.4	.5	.5	.2	.1	.1	.1	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.3	.6
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.4	.4	.4	.4	.4	.5	.4	.5	.4	.4	.5	.5	.5	.5	.4	.2	.3	.4	.4	.4	.2	.4	.4	.4	.5	[ ]
SD	.3	.4	.3	.2	.4	.5	.3	.4	.4	.3	.3	.3	.4	.4	.3	.2	.2	.2	.3	.4	.2	.2	.4	.4	.2	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

```
CARBON MONOXIDE
(MILLIGRAMS/CU. METER)
                                                          WHITE RIVER SHALE PROJECT,UTAH    ********************
                                                                                            *                  *
                                                          SITE A  3                         * PRELIMINARY DATA *
                                                                                            * AS OF 01/JUL/76  *
                                                          APRIL,1976                        *                  *
                                                                                            ********************
                                                          AEROVIRONMENT INC.                *                  *
                                                                                            *    SUBJECT TO    *
                                                                                            *     REVISION     *
                                                                                            *                  *
                                                                                            ********************

                                       CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                                    P
 A                                                                                                                    E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                                    K

 1 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [  ]
 2 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [  ]
 3 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [  ]
 4 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [  ]
 5 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [  ]
 6 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [  ]
 7 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [MT] [MT] [MT] [MT] [MT] [OR] [OR] [OR] [OR][   ] [  ]
 8 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [CA] [CA] [CA] [CA] [CA] [CA]   .3  1.1   .7   .5   .2   .3   .5  1.1
 9   .3   .3   .4   .2   .9   .9   .2   .3   .5   .6   .7   .9   .8   .4   .4   .6   .5   .4   .5   .3   .2   .4   .3   .3   .5   .9
10   .6   .3   .4   .2   .3   .3   .3   .2   .5   .3   .2   .2   .8   .8   .5   .3   .3   .3   .9   .2   .2   .2   .4   .3   .4   .9
11   .3   .2   .3   .3   .6   .4   .2   .3   .2   .2   .3   .4   .2   .4   .3   .2 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO]   .3   .6
12 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [  ]
13 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO]   .8  1.0  1.1   .7   .5   .7   .7   .6   .2   .2   .3   .5   .3   .6  1.1
14   .3   .3   .3   .3   .5   .3   .3   .3   .3   .3   .2   .5   .4   .3   .4   .2   .4   .3 [FO] [FO] [FO] [FO] [FO] [FO]   .3   .5
15 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [  ]
16 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO]   .6   .8   .6   .6   .4   .6   .6   .6   .6   .3   .3   .3   .3   .4   .5   .8
17   .3   .2   .3   .4   .3   .4   .2   .3   .2   .5   .2   .4   .3   .2   .2   .2   .2   .2   .3   .3   .2   .2   .3   .3   .3   .5
18   .3   .6   .3   .3   .4   .3   .4   .4   .4   .3   .3   .3   .3   .4   .3   .3   .3   .3   .3   .4   .3   .2   .3   .2   .3   .6
19   .1   .3   .3   .4   .3   .2   .2   .2   .3   .2   .2   .7   .2   .5   .3   .4   .2   .2   .2   .4   .6   .4   .7   .3   .3   .7
20   .4   .4   .3   .3   .3   .3   .4   .2   .2   .2   .3   .3   .3   .3   .3   .3   .4   .2   .3   .2   .2   .3   .2   .2   .3   .4
21   .2   .2   .4   .2   .6   .8   .2   .5   .3   .3   .2   .5   .5   .3   .5   .8   .4   .3   .3   .3   .3   .2   .5   .3   .4   .8
22   .3   .3   .3   .2   .3   .3   .5   .3   .2   .4 [CA]   .5  1.0   .7   .5   .3   .3   .3   .5   .3   .2   .5   .5   .3   .4  1.0
23   .5   .3   .4   .3   .3   .2   .3   .4   .3   .3   .3   .3   .4   .3   .4   .4   .3   .3   .4   .3   .2   .6   .2   .4   .3   .6
24   .2   .2   .2   .3   .2   .3   .2   .2   .2   .2   .2   .2   .3   .3   .3   .3   .2   .5   .3   .2   .3   .4   .3   .4   .3   .5
25   .3   .2   .4   .2   .2   .2   .3   .2   .2   .5   .5   .8  1.0   .3  1.0   .8   .8   .5   .3   .3   .2   .2   .2   .2   .4  1.0
26   .4   .3 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO]   .4   .4
27 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [  ]
28 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO]   .5   .6   .5   .6   .5   .5   .5   .8   .3   .5   .3   .3   .5   .5   .3   .5   .8
29   .4   .4   .2   .7   .3   .2   .3   .2   .5   .2   .4  1.0   .3   .3   .6   .3   .7   .4   .7   .3   .2   .4   .4   .3   .4  1.0
30   .4   .3   .4   .4   .2   .3   .3   .3   .3   .6   .4   .4   .3   .3   .4   .5   .3   .4   .3   .3   .4   .3   .3   .3   .3   .6
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][   ] [  ]

AV   .3   .3   .3   .3   .4   .4   .3   .3   .3   .4   .3   .5   .5   .4   .4   .4   .4   .4   .4   .3   .3   .3   .4   .3   .4 [  ]
SD   .1   .1   .1   .1   .2   .2   .1   .1   .1   .1   .2   .2   .3   .2   .2   .2   .2   .1   .2   .2   .1   .1   .1   .1   .1 [  ]
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OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	10	10	10	0	0	10	10	0	10	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10
3	[RF]	[RF]	10	10	10	10	10	10	10	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10	10	10
4	10	10	10	10	10	10	10	10	0	10	10	10	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10	10	10	10	10
8	10	10	10	10	0	10	10	10	10	10	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	0	10	10
11	0	0	10	10	10	10	10	10	10	10	[RF]	[RF]	[RF]	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	10	0	0	10	10
12	10	10	10	10	10	[RF]	10	10	10	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	0	0	0	10	10
13	0	0	0	0	10	10	10	10	10	10	10	[RF]	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	0	0	10	10	10	10	10	10	10	10	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	10
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	0	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10
23	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	0	10
24	10	0	0	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10
25	10	0	0	10	10	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	10	0	0	10	10
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	10	0	10
28	10	10	10	10	10	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	[ ]
50	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	0	0	0	0	0	0	0	10	10	[LI]	[LI]	[LI]	[LI]	[LI]	10	10	10	10	0	0	0	0	10
2	0	0	0	0	0	0	0	0	0	0	[CA]	10	10	10	10	10	10	10	0	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	10	10	10	0	0	10	0	0	0	0	0	10
6	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
7	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	0	0	0	0	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10
9	10	10	10	0	0	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	0	0	0	0	0	10	10	10	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	10
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	10
18	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	10	10	0	0	0	0	0	0	10
24	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	0	10
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	4	4	4	3	2	2	2	2	3	4	4	5	4	4	5	5	5	5	4	4	4	4	4	3	3 [	]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	10
2	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	10	10	10	0	0	10	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	10
4	0	0	0	0	0	0	0	0	0	0	0	[CA]	10	0	0	10	10	0	0	0	0	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10	0	10
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
..	[	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	] [	][	] [	]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	0	0	0	0	0	0	0	0	3	2	0	2	2	2	2	4	3	2	2	0	2	0	0	2	1 [	]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	0	0	0	0	0	0	0	0	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0
3	[RF]	[RF]	0	0	0	0	0	0	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	[RF]	[RF]	[RF]	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0
12	0	0	0	0	0	[RF]	0	0	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	[RF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	10	0	0	0	0	0	0	10
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	2	0	0	0	0	0	0	0	0	0	2	2	3	0	0	3	2	2	0	0	0	0	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MARCH,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 01/JUL/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	(LI)	(LI)	(LI)	(LI)	(LI)	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
4	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	10
10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
15	0	0	10	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10	0	10
21	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
22	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
26	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	2	2	2	2	2	0	2	3	0	2	2	0	2	2	0	2	2	0	2	2	2	0	2	0	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 3
FEBRUARY,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	0	0	0	0	0	0	10	0	0	0	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	10
3	[RF]	[RF]	0	0	10	0	0	0	0	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	10
4	10	0	0	10	0	10	0	0	0	10	10	0	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	10
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
6	0	0	0	0	0	10	0	0	0	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	10
7	0	0	10	10	10	0	0	10	0	0	10	10	[RF]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	10	0	10	10	10
8	0	10	0	0	0	0	0	0	0	10	10	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	10
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	10
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	0	10	10
11	0	0	10	10	10	10	10	10	10	10	[RF]	[RF]	[RF]	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	10	10
12	0	0	0	0	0	[RF]	0	0	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0
13	0	0	0	0	0	10	10	10	10	10	10	[RF]	10	10	10	10	10	10	10	0	10	10	10	10	10	10
14	10	10	10	0	10	0	0	10	10	0	0	0	0	10	10	10	0	0	0	0	0	10	0	10	0	10
15	0	0	10	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	10	10	10	10	0	0	0	10
16	0	0	10	10	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	10
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	10	10	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	3	3	4	4	4	4	3	4	3	4	5	3	4	5	5	5	5	4	3	4	4	4	3	3	3	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MARCH,1976

AEROVIRONMENT INC.

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*********************
*                   *
* PRELIMINARY DATA  *
* AS OF 02/JUL/76   *
*                   *
*********************
*                   *
*    SUBJECT TO     *
*     REVISION      *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	[LI]	[LI]	[LI]	[LI]	[LI]	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	10	0	0	0	0	10
9	0	0	0	0	0	10	0	0	0	0	10	0	0	10	10	0	10	10	10	10	10	10	10	10	10	10
10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	0	0	0	0	2	0	0	0	0	2	0	0	2	2	2	2	2	2	2	3	2	2	2	1	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	70	80	80	80	70	70	70	60	70	70	70	70	80
18	60	60	60	60	60	60	60	50	60	60	60	60	60	60	60	60	60	60	50	50	40	40	40	40	60	60
19	40	30	30	20	20	20	20	20	20	20	20	30	30	30	30	30	30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	30	40
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	40	70	80	80	80	80	80	80	70	70	70	70	80	70	70	80
28	50	50	40	40	40	40	30	30	30	30	30	40	40	60	60	70	70	70	60	60	70	60	60	60	50	70
29	60	60	60	50	50	50	50	60	50	60	60	70	70	70	80	80	70	70	70	80	70	70	70	70	60	80
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	50	50	50	40	40	40	40	40	40	40	40	50	60	60	70	70	70	70	60	70	60	60	50	60	60	[ ]
SD	8	12	13	15	15	15	16	16	16	18	16	16	19	16	18	18	17	6	8	10	12	12	14	12	16	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	80	80	90	80	80	80	80	80	70	70	70	80	70	70	70	70	70	70	70	60	60	60	60	70	70	90
2	60	60	70	70	60	80	70	80	80	80	[CA]	80	80	80	80	80	80	80	80	80	80	70	80	70	80	80
3	70	70	60	60	60	60	60	60	80	60	70	70	80	80	80	80	80	80	80	80	80	80	80	80	70	80
4	80	80	80	80	80	80	80	80	80	80	80	80	80	80	90	90	90	60	80	80	80	80	80	80	80	90
5	80	80	70	70	70	70	70	70	70	70	70	80	90	[CA]	90	100	100	100	80	80	80	70	70	70	80	100
6	70	70	70	70	70	70	70	70	60	60	70	80	80	90	100	100	100	100	90	90	80	80	80	70	80	100
7	70	70	60	70	70	70	60	60	60	70	70	80	100	100	100	100	100	100	90	90	90	90	90	90	80	100
8	80	70	70	70	60	60	60	50	50	60	60	60	90	90	110	[CA]	100	90	90	100	90	80	60	70	80	110
9	70	60	60	60	50	50	50	50	40	50	60	70	70	90	100	110	110	100	110	110	90	80	80	80	80	110
10	70	70	60	60	50	50	50	40	50	50	60	80	100	100	110	110	110	110	110	100	100	80	70	70	80	110
11	60	60	60	60	60	80	80	60	70	80	80	90	90	[CA]	80	80	80	80	70	70	70	70	70	70	70	90
12	70	70	70	70	70	70	70	70	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	70	70
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	80	80	80	90	90	80	80	70	70	60	60	60	90
18	70	60	60	50	50	50	50	40	50	50	60	70	90	90	90	100	90	90	90	90	90	90	80	90	70	100
19	90	90	90	100	100	80	80	80	90	80	80	80	80	80	80	80	80	80	70	70	70	70	60	70	80	100
20	70	70	70	70	70	70	70	70	70	70	80	80	[CA]	90	90	90	90	90	90	80	80	60	60	60	80	90
21	60	70	70	60	60	60	60	70	80	80	80	80	60	90	90	90	90	90	90	80	80	70	70	60	80	90
22	60	60	60	60	60	60	50	50	60	60	70	80	90	90	90	90	90	90	90	70	70	70	70	70	70	90
23	70	70	70	60	60	60	60	60	60	70	70	[CA]	80	90	90	90	90	90	80	80	70	80	80	70	70	90
24	70	70	60	60	60	50	50	60	60	70	80	80	60	80	90	90	80	80	80	70	70	70	80	80	70	90
25	80	80	90	90	90	90	80	70	70	80	80	80	80	80	80	80	80	80	80	70	60	70	70	70	80	90
26	60	70	60	50	50	50	50	50	60	70	70	80	80	80	80	90	90	80	80	80	70	70	70	70	70	90
27	70	60	60	60	60	60	50	50	60	70	80	80	80	90	90	90	90	80	80	70	70	60	70	70	70	90
28	70	70	70	70	60	60	60	60	70	70	70	80	80	80	90	90	80	80	80	70	70	70	70	70	70	90
29	60	60	60	50	50	50	50	40	50	60	70	80	80	80	80	80	80	80	80	80	70	70	70	70	70	80
30	70	70	70	70	60	60	60	60	70	70	70	80	80	80	90	90	90	90	80	70	70	60	60	70	70	90
31	70	60	70	50	50	50	50	50	50	70	70	80	80	80	90	90	90	90	90	80	80	70	70	60	70	90
AV	70	70	70	70	60	60	60	60	60	70	70	80	80	90	90	90	90	90	80	80	80	70	70	70	70	[ ]
SD	8	8	9	12	13	12	11	13	12	9	7	4	7	7	9	10	10	9	10	11	10	8	8	8	4	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	40	50	50	50	50	40	40	30	40	80	80	80	80	90	90	90	90	90	90	80	80	80	80	70	90
2	70	70	60	60	60	50	50	50	60	80	80	90	90	100	100	100	100	100	100	90	80	70	60	60	80	100
3	60	60	60	50	50	50	50	50	50	60	70	80	80	90	100	100	100	100	90	90	80	80	70	70	70	100
4	60	50	70	50	50	40	50	50	50	60	70	[CA]	90	90	90	90	90	90	90	80	80	70	60	60	70	90
5	60	60	50	40	40	40	40	30	40	50	50	60	70	80	80	80	80	70	70	80	80	80	80	80	60	80
6	80	80	80	80	80	80	80	80	80	90	90	90	90	90	90	90	90	90	90	90	90	80	70	70	80	90
7	70	70	60	60	60	60	60	70	70	80	80	80	80	80	80	80	80	80	80	70	70	70	70	70	70	80
8	60	50	50	50	40	40	40	40	50	60	70	80	80	70	70	70	80	80	80	80	70	70	60	60	60	80
9	70	70	80	70	80	70	70	70	90	90	100	110	110	110	120	120	110	90	90	90	90	90	90	80	90	120
10	70	70	60	60	60	60	50	50	60	70	80	80	80	90	90	90	90	90	80	70	80	70	60	60	70	90
11	60	60	50	60	50	50	40	50	50	50	60	80	80	80	80	90	90	90	90	60	80	80	70	60	70	90
12	70	70	70	70	70	70	70	70	70	80	80	80	80	80	80	80	80	80	80	70	70	70	70	70	70	80
13	70	60	70	60	60	70	70	70	70	80	70	80	80	70	70	80	80	80	80	70	60	60	60	50	70	80
14	50	60	60	50	60	60	50	60	70	80	80	80	80	70	70	70	70	70	80	70	70	60	60	60	70	80
15	50	60	60	60	60	60	60	70	70	80	80	80	80	80	80	80	80	80	80	80	70	70	70	70	70	80
16	70	60	50	60	60	60	50	60	70	80	80	80	80	80	80	90	80	80	80	80	70	70	80	70	70	90
17	70	70	60	60	60	60	60	60	50	50	50	60	70	70	80	80	80	80	70	70	60	70	70	70	70	80
18	70	70	60	60	60	50	50	50	60	70	70	80	80	80	80	70	70	80	80	80	80	80	80	80	70	80
19	70	60	60	60	50	60	60	60	70	70	70	60	70	70	70	70	70	80	70	80	80	80	90	90	70	90
20	80	70	70	60	60	50	50	60	70	80	80	80	80	80	80	80	70	70	70	70	60	60	60	70	70	80
21	70	70	60	60	60	50	50	50	60	70	70	80	80	90	90	90	90	100	90	90	80	80	70	70	70	100
22	70	70	70	60	70	70	70	70	80	90	[CA]	110	110	110	110	110	100	90	90	80	80	100	100	100	90	110
23	90	90	80	80	80	70	80	80	80	80	90	90	90	90	100	110	110	110	90	80	80	80	80	80	90	110
24	70	60	50	60	50	50	50	50	60	70	80	90	90	90	90	90	90	90	80	80	70	80	80	80	70	90
25	80	70	70	60	50	50	50	60	80	80	80	90	90	90	100	100	100	90	80	80	80	70	70	60	80	100
26	70	80	70	70	70	70	70	70	70	70	70	80	80	80	80	90	90	80	80	80	70	70	60	60	70	90
27	60	60	60	60	50	60	70	70	70	80	80	80	90	90	90	100	100	90	90	90	80	70	70	60	80	100
28	50	50	50	50	50	50	50	50	[CA]	70	80	90	90	100	90	100	100	100	100	90	90	80	80	70	80	100
29	70	70	60	60	50	50	50	60	70	70	80	90	90	90	90	90	90	90	90	90	80	80	90	80	80	90
30	80	80	70	70	70	70	70	80	80	90	90	90	90	90	90	90	90	90	90	80	70	70	70	70	80	90
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	70	70	60	60	60	60	60	60	60	70	80	80	60	90	90	90	90	90	80	80	80	70	70	70	70	[ ]
SD	9	10	9	9	11	10	12	12	13	13	11	11	9	11	12	12	11	9	8	7	8	8	11	10	7	[ ]

Data Documents/Inc

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
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REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5	0	5
14	5	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5	5	5	0	5
16	5	5	5	5	5	5	0	5	0	0	5	0	0	5	5	5	0	0	0	0	0	0	0	0	0	5
17	0	0	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	5	5	5	5	10	10	10	10	10	10	5	5	5	5	5	10
21	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	5	5	5	5	5	10	10	5	10
22	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10	10	5	5	5	5	10
23	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
24	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	0	0	5	5	0	0	5	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
27	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	10	5	5	5	10	10	10	10	10	10
28	10	10	10	10	10	10	10	5	5	5	0	5	5	5	10	5	10	10	10	10	10	10	10	10	10	10
29	10	10	5	10	5	5	5	5	0	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	5	5	5	5	0	0	5	5	10	10	10	10	10	5	5	5	5	10	10	10	5	10
31	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	4	4	3	4	3	3	3	3	3	3	3	3	4	3	4	4	4	3	4	4	3	3	4	4	3	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	10	15	15	15	10	10	15
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	10	15
4	15	15	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
6	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	15	15	15	15	15	15	10	15
7	15	15	15	15	10	15	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
8	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	15	15	15	15	15	20
9	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	15	15	15	15	15	15	20
10	15	15	15	15	15	15	15	15	15	15	15	15	10	15	20	15	20	20	20	20	20	15	15	15	15	20
11	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	25	25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	25
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	15	15	15	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	[ ]
SD	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3	2	2	2	2	2	[ ]

HYDROGEN SULFIDE
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FEBRUARY,1976

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DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

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MARCH,1976

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DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	5
23	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	5	5
24	0	0	5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	5	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
27	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	10	10	10	5	5	5	5	5	10
30	5	5	5	5	5	5	5	0	0	0	0	5	5	5	10	10	5	5	5	5	5	5	5	10	5	10
31	10	10	10	10	10	5	5	5	0	10	5	5	10	10	10	10	5	10	10	10	10	10	10	10	10	10
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	[ ]
SD	3	3	3	3	3	2	2	2	1	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	2	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

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DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	10	10	10	10	10
2	10	5	5	5	5	10	10	5	5	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	5	10	10	10	10	15	15	15	15	15	15	15	15	15	15	10	15
4	15	10	10	10	10	10	15	15	15	15	15	15	15	10	15	15	10	15	15	10	10	15	15	15	15	15
5	15	10	15	10	15	15	15	15	15	15	15	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15
6	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	15	15	20
7	15	15	15	20	10	20	20	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	20	25	25	20	20	25
9	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
10	25	25	25	25	25	25	25	25	25	25	25	25	0	25	25	25	25	25	25	25	25	25	25	25	25	25
11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	25	30
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	15	15	15	20	20	15	15	[ ]
SD	5	6	6	7	6	6	5	6	6	6	6	6	7	6	5	5	7	7	6	7	6	6	6	5	6	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH
SITE A
FEBRUARY, 1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
30	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
SD	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

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        SULFUR DIOXIDE
        (MICROGRAMS/CU. METER)
                                                       WHITE RIVER SHALE PROJECT,UTAH          *********************
                                                                                               *                   *
                                                       SITE A  4                               *  PRELIMINARY DATA *
                                                                                               *  AS OF 01/JUL/76  *
                                                       MARCH,1976                              *                   *
                                                                                               *********************
                                                       AEROVIRONMENT INC.                      *                   *
                                                                                               *     SUBJECT TO    *
                                                                                               *      REVISION     *
                                                                                               *                   *
                                                                                               *********************

                                        CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                  P
  A                                                                                                                  E
  T    00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
  E                                                                                                                  K

  1 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  2 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  3 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  4 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  5 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  6 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  7 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  8 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
  9 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 10 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 11 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][   ] [   ]
 12 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR]    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 13    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 14    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 15    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 16    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 17    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 18    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 19    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 20    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 21    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 22    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 23    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 24    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 25    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 26    0    0    0    0    0    0    0    0    0    0    0    0 [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA]    0     0
 27 [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA]    0    0    0    0    0    0    0    0    0    0    0     0
 28    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 29    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 30    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0
 31    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0     0

 AV    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0 [   ]
 SD    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0 [   ]
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SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
12	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[MT]	[MT]	[MT]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	25	20	15	10	5	5	5	0	0	0	15	15	20	20	25	25	25	25	15	15	10	0	0	0	10	25
23	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	[ ]
SD	8	7	5	3	2	2	2	0	0	0	5	5	7	7	9	9	9	9	5	5	3	0	0	0	4	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0
22	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
12	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[MT]	[MT]	[MT]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 5
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
22	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

```
   SULFUR DIOXIDE
   (MICROGRAMS/CU. METER)
                                                          WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                              *                   *
                                                          SITE A  5                           *  PRELIMINARY DATA *
                                                                                              *  AS OF 01/JUL/76  *
                                                          FEBRUARY,1976                       *                   *
                                                                                              *********************
                                                          AEROVIRONMENT INC.                  *                   *
                                                                                              *    SUBJECT TO     *
                                                                                              *     REVISION      *
                                                                                              *                   *
                                                                                              *********************

                                    CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                              P
 A                                                                                                              E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                              K

 1 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 2 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 3 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 4 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 5 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 6 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 7 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 8 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
 9 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
10 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF][  ] [  ]
11 [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF][  ] [  ]
12 [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [MT] [MT] [MT] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
13 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
14 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
15 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
16 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
17 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
18 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
19 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
20 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR][  ] [  ]
21 [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [OR] [MT] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][  ] [  ]
22   10   10   10   10    5   10   10   10   10    5    5    5    5    5    0    0    0    0    5    5    0    5    5    5    5   10
23    5   10    5    5    5    5    5    5   10    5    5 [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA] [CA]    5    5    0    5    5   10
24    0    5    5    5    5    0    5    5    5   10    0    5    5    5    5    0    0    0    0    0    0    0    0    0    5   10
25    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
26    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
27    0    5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    5
28    5    5    5    5    5    5    5    5    0    5    5    5    5    5    5    5    0    0    0    0    0    0    0    0    5    5
29    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5    5
30 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

AV    5    5    5    5    5    5    5    5    5    5    5    5    5    5    0    0    0    0    0    0    0    0    0    0    5 [  ]
SD    3    4    3    3    2    3    3    3    4    3    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2 [  ]
```

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	5	0	5	5	0	5	5	5	0	5
2	5	5	5	5	10	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10
5	5	5	5	5	10	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	5	5	10
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5
9	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
10	5	0	0	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
12	0	5	0	0	0	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
13	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20
16	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	5	5	5	5	0	10	5	5	5	5	0	0	0	0	0	0	0	0	10
18	0	0	0	0	5	5	5	5	5	0	5	5	5	5	0	0	0	0	0	0	0	5	0	0	0	5
19	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	10	0	5	5	5	5	5	10
21	5	5	5	5	5	5	5	5	5	5	5	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	5
22	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	0	0	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	5	5	5	5	10	5	5	5	5	10
24	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	0	0	0	0	5	0	10	5	10
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	10	5	5	5	10	5	5	5	0	0	0	0	0	5	5	5	5	5	5	10	5	10
27	5	10	10	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10
28	10	5	5	10	10	10	10	5	5	5	5	5	10	10	10	10	10	10	10	5	10	5	5	5	10	10
29	10	5	5	10	5	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
30	5	5	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	10
31	5	5	5	10	10	10	5	5	5	5	5	5	5	5	5	5	10	5	0	0	5	5	5	5	5	10
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 (	)
SD	3	2	3	3	4	3	3	2	2	2	3	2	3	3	3	3	3	3	3	4	3	3	3	3	2 (	)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	10	10	10	10	10	10	10	10	5	10	5	10	5	5	5	5	0	5	5	5	10	0	0	5	10
2	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10	0	0	0	0	0	5	5	5	10
3	10	0	5	5	5	5	5	5	5	5	[MT]	5	5	5	0	5	5	0	0	0	0	0	0	10	5	10
4	5	5	5	5	5	10	5	10	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	0	5	10
5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	10	0	0	0	0	0	5	0	0	5	10
6	0	0	0	0	0	0	5	5	0	5	5	5	5	5	0	5	0	5	5	5	0	5	5	5	5	5
7	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	0	0	0	0	0	0	0	0	5	10
8	0	0	0	5	5	5	5	5	5	0	5	5	10	10	10	5	0	0	0	0	0	0	10	5	5	10
9	5	5	5	5	10	10	10	10	10	10	10	5	5	5	5	0	5	0	0	5	0	0	10	10	5	10
10	5	5	5	5	10	5	10	5	10	5	5	5	5	5	5	5	5	0	0	0	0	0	0	15	5	15
11	5	0	5	10	10	10	5	5	5	5	0	5	10	10	5	5	5	0	0	0	0	0	0	5	5	10
12	10	10	10	5	5	5	10	5	10	10	10	10	10	10	10	10	10	5	5	10	5	10	10	5	10	10
13	5	10	10	5	10	10	10	5	5	5	10	10	10	10	5	5	10	5	10	10	10	10	5	10	10	10
14	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10	10	5	5	5	10	5	10	5	10
15	5	5	5	10	10	10	10	5	5	10	10	5	10	10	5	5	5	5	5	10	5	10	10	5	5	10
16	10	5	5	10	10	5	10	5	10	5	10	5	5	10	5	5	10	5	10	10	10	5	5	5	5	10
17	5	10	10	10	5	5	5	10	5	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10
18	5	5	10	5	5	10	10	5	5	10	5	5	5	5	5	10	10	5	5	5	5	10	5	5	5	10
19	5	5	10	5	5	5	5	5	5	10	5	5	5	5	5	5	5	10	10	10	5	10	5	5	5	10
20	10	10	5	10	10	5	10	10	5	5	10	10	5	10	10	10	10	10	5	5	10	10	5	10	10	10
21	5	10	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10
22	10	10	5	10	5	10	5	10	10	10	10	5	5	10	10	5	10	5	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	5	10	10	5	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10
24	5	10	5	5	10	5	5	10	10	10	0	0	0	5	5	5	5	5	0	5	0	0	0	0	5	10
25	5	5	5	5	5	5	10	5	5	5	10	5	10	5	5	0	0	0	0	5	0	5	5	5	5	10
26	10	5	5	5	5	10	10	5	10	5	10	10	5	[MT]	5	0	0	0	0	0	5	5	5	5	5	10
27	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	0	10	5	5	5	5	5	10
28	5	10	10	5	10	10	10	5	5	5	5	5	5	0	0	5	0	0	0	0	0	0	5	5	5	10
29	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	10	10	10	10	5	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	3	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	2	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	10	15
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	10	10	10	10	10	10	15
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	15
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	15	15	15	15	15	15	15	15	15	15	15	15	15	10	10	10	15	10	10	10	15	15	15	15	15	15
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	15
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	10	15
10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	10	10	10	10	10	10	10	15
12	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	10	10	15	15
13	10	10	10	10	10	10	5	5	5	10	10	10	10	10	10	15	15	15	10	10	10	10	10	10	10	15
14	10	10	10	10	10	10	10	10	5	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	15
15	5	10	10	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	5	0	0	0	5	10	10	10	10	10	15	15	15	10	10	10	10	10	10	10	10	15
17	10	10	10	10	5	5	5	5	5	10	10	10	10	10	15	15	15	15	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	15
18	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	10	10	10	10	10	5	10	10
20	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	10	10	10	10	10	10	10	15
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	10	10	10	10	10	10	15
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	10	10	10	10	10	10	15
27	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	15
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	15
29	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	10	15
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	10	10	10	10	10	10	10	[ ]
SD	2	2	2	2	2	3	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	15	[LI]	[LI]	[LI]	[LI]	15	10	10	10	10	10	10	10	15
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	5	10	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	10	10	10	10	10	10	10	10	10	15
6	5	10	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	15	15	15	15	10	10	10	10	10	10	15
8	5	5	5	5	5	5	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	10	15
9	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	10	15
10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	15
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	15	20	20	15	15	15	20	20	20	20	20	20	20	20	15	15	15	15	15	20
14	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	15	15	15	15	15	20
15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	25	25	25	20	20	20	20	20	15	20	25
16	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	25	25	20	20	20	20	20	20	15	20	25
17	15	15	15	15	15	15	15	15	15	15	15	15	20	20	25	25	25	25	20	20	20	20	20	15	20	25
18	15	15	15	15	15	15	15	15	15	15	20	20	20	25	25	25	25	25	20	20	20	20	20	20	20	25
19	20	20	20	20	20	15	15	15	15	15	15	20	20	20	15	15	15	15	15	15	15	15	15	15	15	20
20	15	15	10	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	15	15	15	15	20
21	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	25	20	20	20	20	15	20	25
22	15	15	15	15	15	10	10	15	15	15	15	20	15	20	20	25	25	25	20	20	20	20	20	15	20	25
23	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
24	20	20	15	15	15	15	15	15	15	20	20	20	20	20	25	25	25	25	25	25	20	20	20	20	20	25
25	20	20	20	20	20	20	20	20	15	15	20	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20
26	15	15	15	15	15	10	10	10	10	15	15	15	20	20	20	20	20	20	20	20	20	15	15	15	15	20
27	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	15	15	15	15	15	15	15	20
28	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	15	15
29	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15
30	10	10	10	10	10	10	5	5	10	10	10	15	15	15	15	15	15	15	15	15	15	15	10	10	10	15
31	10	10	10	10	10	10	10	10	10	10	15	15	15	20	20	20	20	20	20	20	20	15	15	15	15	20
AV	10	15	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	[ ]
SD	4	4	4	4	4	4	4	4	3	4	4	4	4	4	5	5	5	5	5	5	4	4	4	3	4	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	0	0	0	0	0	0	0	5	5	5	5	10	10	10	10	10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	10
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5	5	10	10	10	10	10	10	5	5	5	5	5	10
4	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	10	10	10	10	5	5	5	5	10
5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	[CA]	5	5	5	5	5	5	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	10	10	5	0	0	0	0	5	10
9	0	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	5	5	5	0	0	0	5	10
10	0	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	10	5	5	5	5	0	5	10
11	0	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	15	15	10	10	5	5	5	0	5	15
12	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5
13	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	5	5	5	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5	5	5	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	5
21	0	0	0	0	0	0	0	0	0	5	5	5	5	[CA]	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
26	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	[ ]
SD	1	0	0	0	0	0	0	0	1	2	2	2	3	3	4	4	4	4	4	3	3	2	2	1	2	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
18	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	[LI]	[LI]	[LI]	[LI]	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
9	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
26	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 6
FEBRUARY,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
18	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	6
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
26	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1180	1160	1180	1180	1180	1120	1190	1190	1130	1390	1460	1400	1260	1330	1200	1200	1270	1270	1540	1610	1480	1350	1350	1330	1290	1610
2	1260	1290	1290	1290	1290	1290	1230	1230	1300	1370	1370	1300	1370	1580	1440	1390	1380	1590	1550	1520	1450	1460	1460	1460	1380	1590
3	1400	1320	1330	1400	1330	1680	1400	1550	1270	1340	1970	1910	1410	[CA]	1480	1480	1550	1620	1620	1690	1620	1760	1690	1690	1550	1970
4	1720	1710	1870	1840	1890	1910	1250	1060	1000	1010	1010	1030	990	1010	990	990	980	1010	1010	990	1000	990	990	1010	1220	1910
5	1000	970	980	990	1030	1050	1040	1050	1080	1060	1070	1080	1060	1060	1050	1060	1070	1080	1110	1090	1100	1100	1100	1100	1060	1110
6	1100	1110	1100	1110	1110	1110	1110	1110	1110	1100	1060	[CA]	1120	1120	1100	1090	1110	1170	1230	1290	1260	1230	1230	1290	1150	1290
7	1230	1230	1210	1300	1330	1230	1230	1230	1240	1250	1270	1290	1340	1300	1340	1370	1300	1290	1310	1290	1320	1390	1370	1600	1300	1600
8	1340	1340	1410	1390	1390	1440	1390	1360	1330	1390	1440	1450	1380	1350	1320	1310	1360	1420	1450	1390	1300	1300	1340	1340	1380	1490
9	1350	1350	1330	1310	1440	1330	1400	1320	1330	1340	1340	1360	1380	[CA]	1370	1310	1170	1040	1000	1020	1030	1260	1500	1450	1290	1500
10	1450	1390	1060	1040	1060	1040	1040	1160	1110	1030	1060	1030	1040	1040	1050	1050	1050	1270	1190	1100	1080	1070	1090	1100	1110	1450
11	1120	1100	1100	1100	1110	1160	1110	1150	1130	1110	1140	1140	1130	1160	1150	1130	1130	1180	1240	1320	1240	1200	1200	1210	1160	1320
12	1200	1210	1190	1230	1220	1210	1200	1190	1190	1240	1250	1240	[CA]	1350	1170	1220	1370	1410	1430	1400	1510	1580	1740	1530	1320	1740
13	1690	1520	1510	1530	1570	1700	1560	1540	1510	1580	1440	1400	1330	1280	1250	1270	1290	1300	1370	1350	1360	1390	1360	1360	1440	1700
14	1340	1370	1600	1370	1380	1370	1420	1400	1350	1400	1330	1300	1260	1310	1210	1430	1110	1040	1010	1100	1020	1020	1020	1030	1260	1600
15	1030	1130	1120	1070	1150	1070	1060	1130	1230	1240	1180	1090	1180	[CA]	1060	1110	1140	1140	1180	1310	1340	1130	1040	1130	1140	1340
16	1100	1110	1060	1050	1060	1060	1070	1080	1050	1130	1010	1000	990	1000	990	1000	1020	1040	1030	1010	1070	1050	1020	1010	1040	1130
17	1000	1000	1060	1010	1030	1040	1060	1140	1070	1060	760	1010	990	990	990	990	980	880	1220	1420	1420	1480	1480	1480	1110	1480
18	1430	1410	1340	1410	1810	1480	1540	2150	1880	1340	1200	1200	1200	890	1140	1140	1140	1140	1270	1470	1740	1540	1740	1540	1420	2150
19	1270	1200	1200	1200	1340	1270	1400	1470	1470	1470	1400	1340	1470	1470	1470	1270	1200	1200	1210	1810	1670	1410	1410	1410	1380	1810
20	1470	1270	1340	1340	1540	1610	1410	1270	1410	1210	1270	1240	1010	1010	1010	1000	1010	1020	1060	1060	1040	1060	1060	1040	1260	1610
21	1090	1110	1120	1130	1100	1020	1000	1060	1050	1130	1110	1160	1140	1070	1040	1010	1020	1040	1060	1080	1090	1100	1140	1150	1090	1160
22	1120	1120	1130	1140	1120	1110	1130	1120	1220	1210	1190	1140	1120	1150	1090	1080	1080	1070	1400	1100	1120	1130	1140	1130	1140	1400
23	1130	1130	1130	1130	1120	1120	1160	1150	1160	1290	1150	1180	1170	1160	1370	1250	1280	1300	1490	1300	1310	1300	1290	1270	1220	1490
24	1300	1520	1270	1320	1350	1400	1430	1450	1450	1430	1500	1470	1390	1420	1390	1310	1330	1250	1260	1260	1170	1110	1100	1120	1330	1520
25	1130	1120	1140	1150	1130	1280	1190	1160	1150	1470	1370	1170	1140	1100	1090	1110	1050	1060	1110	1060	1080	1070	1070	1080	1150	1470
26	1090	1100	1130	1140	1170	1140	1140	1140	1190	1180	1210	1320	1270	1310	1240	1190	1150	1140	1150	1160	1240	1170	1140	1110	1180	1320
27	1150	1150	1130	1130	1150	1170	1170	1180	1190	1170	1200	1230	1270	[CA]	1250	1230	1290	1140	1230	1170	1220	1250	1120	1120	1190	1290
28	1140	1100	1190	1160	1180	1180	1170	1270	1350	1450	1390	1310	1290	1170	1110	1030	1030	1070	1120	1070	1170	1210	1070	1130	1190	1450
29	1050	1050	1110	1110	1110	1240	1240	1310	1380	1140	1110	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110	1050	1110	1050	1110	1380
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1240	1230	1230	1230	1270	1270	1230	1260	1250	1260	1250	1240	1210	1190	1190	1170	1170	1180	1240	1260	1260	1250	1250	1250	1230	[ ]
SD	169	165	184	176	215	222	153	218	181	148	219	185	143	170	152	141	143	169	178	213	201	189	217	193	125	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1090	1070	1070	1070	1070	1080	1060	1100	1070	1050	1050	[CA]	1050	[LI]	[LI]	[LI]	[LI]	1220	920	1130	1140	1160	1370	1140	1100	1370
2	1140	1160	1140	1140	1140	1140	1140	1170	1150	1140	1130	1150	1170	1170	1200	1180	1150	1150	1150	1160	1260	1160	1170	1150	1160	1260
3	1150	1180	1190	1170	1170	1220	1170	1220	1220	1210	1160	1210	1260	1170	1150	1140	1150	1270	1170	1380	1390	1170	1170	1170	1200	1390
4	1150	1170	1130	1130	1100	1110	1150	1110	1100	1120	1110	1100	1080	1180	1080	1080	1080	1100	1110	1120	1130	1170	1140	1210	1120	1210
5	1140	1240	1160	1150	1140	1130	1160	1170	1180	1220	1210	1200	1140	1140	1190	1100	1130	1140	1200	1180	1150	1160	1180	1210	1170	1240
6	1240	1230	1170	1170	1170	1240	1220	1240	1350	1630	1770	1310	1250	1160	1130	1120	1130	1130	1130	1150	1150	1160	1160	1150	1230	1770
7	1160	1170	1180	1170	1180	1220	1240	1250	1330	1400	1430	[CA]	1230	1210	1200	1180	1230	1240	1280	1290	1370	1320	1310	1290	1260	1430
8	1290	1290	1290	1280	1280	1260	1250	1530	1920	1900	1790	1410	1320	1340	1280	1260	1250	1260	1270	1610	1280	1290	1290	1300	1390	1920
9	1300	1300	1310	1320	1290	1290	1290	1350	1640	1830	1640	1340	1300	1270	1290	1320	1300	1290	1390	1440	1320	1360	1320	1440	1370	1830
10	1330	1300	1280	1260	1290	1300	1270	1290	1430	1370	1350	1270	1230	[CA]	1230	1250	1270	1320	1330	1360	1290	1260	1240	1230	1290	1430
11	1270	1250	1240	1230	1130	1020	1020	1030	1020	1030	1090	1050	1010	1000	1010	1010	1010	1030	1050	1050	1070	1140	1070	1060	1080	1270
12	1120	1120	1120	1140	1130	1140	1140	1140	1130	1130	1130	1110	1110	1100	1100	1190	1100	1100	1100	1130	1120	1130	1140	1160	1130	1190
13	1150	1150	1150	1150	1160	1260	1320	1560	1550	1250	1340	1240	1170	1120	1100	1100	1200	1260	1270	1430	1290	1290	1370	1290	1260	1560
14	1270	1260	1260	1280	1290	1370	1320	1260	1260	1270	1230	1200	1130	1130	1130	1100	1060	1010	1020	1030	1040	1280	1050	1070	1180	1370
15	1060	1170	1110	1090	1090	1070	1080	1070	1090	1070	1070	1070	1060	1100	1030	1060	1160	1030	1040	1060	1070	1080	1180	1100	1080	1180
16	1090	1120	1100	1090	1100	1110	1120	1240	1240	1180	1100	1060	1060	1100	[CA]	1070	1050	1050	1090	1090	1110	1110	1080	1080	1110	1240
17	1100	1100	1090	1090	1100	1130	1190	1320	1440	1300	1260	1080	1050	1020	1000	1000	1000	1010	1010	1050	1020	1040	1050	1070	1110	1440
18	1060	1060	1070	1070	1080	1080	1080	1160	1230	1310	1210	1150	1050	1000	990	1010	1000	1020	1030	1030	1020	1030	1010	1040	1070	1310
19	1060	1030	1080	1030	1030	1020	1030	1050	1070	1070	[CA]	1070	1080	1060	1100	1070	1070	1070	1080	1090	1100	1100	1100	1120	1070	1120
20	1100	1100	1110	1110	1110	1110	1110	1120	1120	1120	1100	1090	1100	1070	1060	1070	1050	1060	1070	1070	1070	1130	1080	1150	1090	1150
21	1190	1100	1150	1100	1090	1090	1120	1150	1090	1080	1080	1060	1060	1060	1060	1070	1050	1050	1060	1080	1080	1090	1110	1100	1090	1190
22	1110	1110	1120	1120	1110	1120	1120	1130	1160	1220	1120	1090	1110	1040	1040	1020	1010	1030	1020	1040	1060	1050	1050	1030	1090	1220
23	1060	1070	1080	1070	1070	1240	1260	1180	1160	1080	1060	1100	1030	1000	1000	1000	1010	1020	1010	1090	1050	1050	1150	1060	1080	1260
24	1060	1070	1060	1060	1060	1070	1070	1090	1080	1100	1020	1020	1010	1000	1000	990	990	990	1020	1010	1030	1010	1020	1020	1040	1100
25	1010	1040	1030	1050	1050	1050	1040	1020	1020	1020	1030	1040	[CA]	1020	1040	1040	1050	1050	1170	1070	1230	1360	1090	1100	1070	1360
26	1140	1120	1140	1220	1130	1140	1230	1170	1180	1120	1110	1100	1100	1090	1070	1060	1060	1080	1100	1090	1270	1100	1100	1100	1130	1270
27	1100	1100	1100	1100	1130	1120	1120	1120	1150	1150	1120	[LI]	[LI]	1040	1040	1040	1040	1050	1050	1070	1070	1070	1070	1080	1090	1150
28	1090	1090	1100	1180	1140	1110	1120	1130	1150	1120	1120	1100	980	1070	1070	1100	1090	1090	1100	1280	1120	1140	1130	1130	1110	1280
29	1140	1130	1160	1090	1170	1170	1160	1160	1240	1170	1160	[MT]	1070	1070	1070	1070	1080	1090	1110	1100	1120	1130	1110	1130	1130	1240
30	1150	1150	1210	1150	1140	1150	1140	1140	1140	1110	1100	1100	1070	1060	1050	1050	1040	1040	1050	1060	1060	1070	1100	1100	1100	1210
31	1100	1110	1110	1110	1120	1170	1150	1240	1170	1100	1070	1110	1040	1040	1030	1020	1010	1030	1030	1030	1050	1050	1040	1040	1080	1240
AV	1140	1150	1150	1140	1140	1150	1160	1190	1230	1220	1210	1140	1120	1100	1090	1090	1090	1110	1110	1150	1150	1150	1140	1140	1140	[ ]
SD	79	75	70	72	68	84	82	122	192	210	201	97	90	81	82	81	85	95	105	146	107	97	98	92	87	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

APRIL, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1040	1040	1040	1040	1040	1040	1110	1300	1370	1240	1040	1040	1040	980	980	1040	1110	1170	1110	1040	1040	1110	1040	1040	1090	1370
2	1110	1170	1110	1110	1110	1110	1110	1110	1110	1110	1110	1040	1040	1040	1040	1050	1050	1050	1050	1050	1050	1050	1110	1110	1080	1170
3	1110	1110	1180	1110	1110	1110	1180	1180	1110	1110	1110	1110	1110	1050	1050	1040	1040	1040	1040	1110	1040	1040	1040	1040	1090	1180
4	1100	1100	1100	1100	1100	1100	1100	1100	1090	1090	1090	1030	1030	1030	1020	1020	1020	1090	1080	1020	1020	1020	1080	1140	1070	1140
5	1210	1140	1270	1270	1270	1330	1070	1070	1070	1070	1070	1070	1010	940	1070	1000	1130	1060	1130	1120	1190	1120	1120	1120	1120	1330
6	1160	1180	1300	1240	1120	1110	1110	1240	1110	1110	1050	[CA]	1110	1050	1050	1050	1050	1110	1110	1110	1110	1180	1160	1180	1130	1300
7	1110	1180	1120	1120	1120	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1130	1180
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	1080	1080	1080	1080	1080	1080	1080	1080	1140	1140	1140	1100	1140
10	1140	1140	1140	1140	1140	1140	1130	1130	1130	1130	1070	1130	1070	1070	1070	1070	1070	1070	1070	1130	1190	1190	1130	1190	1120	1190
11	1130	1120	1120	1120	1190	1190	1120	1160	1180	1120	1120	1120	1120	1060	1060	1060	1060	1050	1050	1050	1050	1050	1050	1050	1100	1190
12	1050	1110	1110	1050	1050	1050	1110	1050	1110	1110	1040	1110	1110	1050	1050	1050	1050	1050	1110	1050	1050	1120	1060	1060	1070	1120
13	1060	1060	1060	1060	1120	1060	1060	1120	1130	1130	1060	1070	1070	1130	1070	1070	1130	1070	1130	1070	1130	1140	1070	1070	1090	1140
14	1200	1390	1140	1030	1140	1140	1060	1140	1080	1080	1080	1080	1080	1080	1080	1090	1150	1090	1150	1090	1150	1150	1190	1090	1120	1390
15	1160	1220	1090	1160	1160	1160	1100	1100	1100	1100	1100	1100	1100	1100	1090	1100	1100	1100	1100	1100	1100	1100	1090	1090	1110	1220
16	1090	1160	1150	1090	1150	1150	1150	1150	1080	1150	1080	1080	1080	1020	1020	1080	1080	1140	1070	1070	1070	1200	1170	1070	1100	1200
17	1130	1130	1130	1190	1130	1130	1130	1120	1120	1120	1120	1120	1060	1060	1060	1050	1050	1050	1050	1050	1110	1110	1150	1110	1100	1190
18	1110	1110	1100	1100	1100	1100	1100	1100	1100	1040	960	1040	1040	1040	1040	1040	1040	1100	1100	1040	1100	1100	1100	1170	1080	1170
19	1100	1110	1110	1110	1170	1110	1110	1110	1170	1110	1050	1050	1050	1050	1050	1050	1050	1120	1120	1060	1060	1120	1120	1180	1100	1180
20	1120	1120	1120	1120	1120	1190	1120	1000	1130	1130	1060	1060	1070	1070	1070	1070	1000	1010	1010	1070	1070	1070	1070	1070	1080	1190
21	1070	1070	1070	1070	1070	1080	1060	1080	1140	1080	1080	1020	1080	[CA]	1140	1140	1140	1080	1080	1140	1140	1070	1070	1070	1090	1140
22	1070	1070	1130	1070	1130	1130	1190	1060	1120	1120	1060	1120	1120	1120	1120	1060	1120	1050	1050	1050	1050	1110	1110	1050	1090	1190
23	1110	1170	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1030	1090	1030	1030	1090	1030	1090	1090	1090	1090	1090	1060	1170
24	1080	1080	1060	1080	1080	1080	1080	1080	1080	1070	1070	[CA]	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1060	1080
25	1100	1040	1040	1040	1040	1040	1100	1170	1180	1100	1100	1100	1100	780	1230	840	1040	1040	1100	1040	1040	1040	1040	1100	1060	1230
26	1040	1100	1040	1040	1040	1100	1100	1100	1040	1040	1100	1100	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1170	1060	1170
27	1040	1110	1110	1110	1170	1170	1240	1170	1110	1110	1040	1110	1110	1110	1040	1040	1040	1040	1110	1110	1110	1110	1110	1110	1110	1240
28	1110	1170	1110	1110	1110	1110	1110	1170	1110	1110	1110	1110	1110	1040	1040	1040	1040	1040	1110	1110	1040	1040	1040	1110	1090	1170
29	1040	1110	1110	1170	1110	1170	1110	1170	1110	1240	1110	1110	1110	1110	1110	1040	1040	1040	1040	1040	1110	1170	1110	1110	1110	1240
30	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1040	1040	1110	1040	980	980	1040	980	980	930	1070	1110
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1100	1130	1120	1110	1120	1120	1110	1120	1120	1110	1080	1080	1060	1050	1070	1050	1070	1070	1080	1070	1080	1100	1080	1100	1090	[ ]
SD	45	66	58	56	50	59	40	61	59	46	35	33	32	66	45	48	39	35	40	36	46	54	40	50	21	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	1130	1100	1070	1060	1170	1150	1110	1110	1090	1090	1110	1170
28	1090	1110	1130	1110	1110	1110	1120	1120	1150	1220	1190	1110	1140	1070	1040	980	990	1010	1030	1030	1050	1040	1030	1030	1080	1220
29	1050	1050	1050	1050	1050	1110	1110	1110	1180	1050	980	980	980	980	980	980	980	1050	980	980	980	980	980	980	1040	1180
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1070	1080	1090	1080	1080	1110	1120	1120	1170	1140	1080	1040	1060	1030	1050	1020	1010	1050	1060	1050	1050	1040	1030	1030	1070	[ ]
SD	20	30	40	30	30	0	5	5	15	85	105	65	80	45	62	57	40	29	80	71	53	53	45	45	36	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	[CA]	1000	[LI]	[LI]	[LI]	[LI]	990	1130	1060	1120	1120	1120	1120	1030	1130
2	1120	1110	1110	1110	1110	1110	1110	1110	1100	1100	1100	1100	1100	1100	1160	1090	1090	1090	1090	1150	1150	1030	1080	1080	1110	1160
3	1140	1140	1140	1140	1140	1140	1130	1130	1130	1130	1130	1130	1120	1060	1060	1060	1060	1050	1110	1110	1110	1110	1110	1110	1110	1140
4	1040	1040	1040	1040	1040	1040	1030	1030	1030	1030	1030	1030	1030	940	1020	1020	1020	1020	1020	1080	1080	1080	1080	1080	1040	1080
5	1080	1080	1080	1080	1080	1080	1080	1080	1080	1140	1080	1080	1080	1020	1020	1020	1080	1080	1140	1140	1080	1080	1140	1140	1090	1140
6	1140	1140	1030	1080	1060	1140	1140	1140	1200	1260	1320	1140	1060	1080	1020	1020	1020	1020	1080	1080	1080	1080	1070	1070	1110	1320
7	1070	1070	1070	1070	1070	1130	1130	1130	1130	1190	1250	[CA]	1100	1040	1040	1040	1100	1100	1170	1170	1170	1170	1170	1170	1120	1250
8	1170	1170	1170	1180	1160	1180	1160	1240	1440	1440	1370	1160	1110	1110	1110	1110	1120	1120	1180	1180	1180	1180	1180	1180	1190	1440
9	1180	1190	1190	1190	1250	1190	1190	1190	1320	1390	1260	1190	1120	1120	1190	1190	1260	1190	1190	1260	1190	1190	1200	1260	1210	1390
10	1200	1200	1200	1200	1200	1200	1200	1200	1270	1200	1200	1140	1140	[CA]	1140	1140	1200	1200	1270	1270	1200	1200	1140	1140	1190	1270
11	1200	1200	1130	1130	1070	1000	1000	1000	1000	1000	1000	1000	930	1000	1000	1000	1070	1000	1000	1070	1070	1000	1070	1070	1040	1200
12	1070	1130	1130	1130	1130	1130	1130	1130	1130	1130	1070	1070	1070	1070	1060	1060	1060	1060	1060	1130	1130	1130	1130	1130	1100	1130
13	1130	1130	1130	1130	1130	1200	1200	1330	1260	1130	1130	1200	1130	1060	1060	1060	1200	1200	1190	1260	1260	1260	1190	1190	1170	1330
14	1190	1190	1190	1190	1190	1190	1190	1190	1190	1190	1130	1130	1060	1060	1060	1060	990	990	990	1060	1060	1060	1060	1060	1110	1190
15	1060	1060	1060	1060	1060	1060	1060	1060	1060	1060	990	990	990	990	990	990	990	990	1060	1060	1060	1060	1060	1060	1040	1060
16	1060	1060	1060	1060	1060	1060	1060	1120	1120	1060	1060	990	990	990	[CA]	1060	1060	1060	1060	1060	1060	1060	1060	1060	1060	1120
17	1060	1060	1060	1060	1060	1060	1120	1120	1190	1120	1050	990	990	990	990	990	990	990	990	1050	990	1050	1050	1050	1040	1190
18	1050	1050	1050	1050	1050	1050	1050	1050	1050	1120	1050	1050	990	920	920	920	990	990	990	990	990	990	990	990	1010	1120
19	990	990	990	990	990	990	990	1050	1050	980	[CA]	980	1050	980	1050	980	1050	1050	1050	1050	1050	1050	1050	1050	1020	1050
20	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	980	980	980	980	980	980	960	1050	1050	1050	1050	1050	1030	1050
21	1050	1050	1050	1050	1050	1050	1050	1050	980	1050	960	1050	980	980	980	980	980	980	980	1050	1050	1050	1040	1040	1020	1050
22	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	980	1040	1040	980	980	980	980	980	1040	980	1040	980	980	1020	1040
23	960	1040	980	980	980	1110	1110	1040	1040	980	980	980	980	910	980	980	980	980	980	980	980	980	1040	980	1000	1110
24	980	980	980	980	980	980	980	980	980	970	970	910	910	910	910	910	910	910	970	970	970	970	970	970	960	980
25	970	970	910	910	970	970	970	970	970	970	970	970	[CA]	970	980	980	980	960	980	1050	980	1050	1050	1050	980	1050
26	1060	1060	1060	1060	1060	1060	1060	1070	1070	1000	1000	1000	1010	1010	1010	1010	1010	1010	1010	1020	1020	1020	1020	1020	1030	1070
27	1020	1090	1020	1030	1030	1030	1030	1030	1030	1030	1040	[LI]	[LI]	970	970	970	970	980	980	960	980	980	980	980	1010	1090
28	980	990	990	990	990	990	990	990	1070	1000	1000	1000	1020	1000	1000	1070	1070	1070	1070	1130	1070	1130	1130	1130	1040	1130
29	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1060	[MT]	1060	1060	1060	1060	1060	1060	1060	1060	1120	1120	1050	1120	1100	1130
30	1120	1120	1180	1120	1120	1120	1120	1120	1110	1050	1050	1110	1050	1050	1050	980	1050	1050	1040	1040	1040	1040	1040	1040	1080	1180
31	1110	1110	1110	1110	1240	1100	1100	1100	1100	1040	1040	1030	1040	970	970	970	1040	970	1040	1040	1040	1040	1040	1040	1060	1240
AV	1080	1090	1080	1080	1080	1080	1080	1090	1110	1100	1080	1050	1040	1010	1030	1020	1050	1040	1060	1090	1070	1080	1080	1080	1070	[ ]
SD	68	65	71	69	74	68	68	80	105	112	102	76	59	57	64	60	75	69	78	78	73	69	61	68	63	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1030	1040	1040	1040	1030	1030	1040	1120	1190	1100	1000	990	980	980	960	1040	1000	1040	1010	1030	1040	1030	1040	1050	1040	1190
2	1060	1070	1070	1080	1060	1070	1070	1070	1070	1050	1030	1020	1000	1000	990	1000	1020	1020	1030	1050	1060	1070	1090	1080	1050	1090
3	1080	1060	1090	1090	1110	1110	1130	1100	1080	1060	1040	1050	1030	1020	1010	980	970	1000	1020	1110	1060	1050	1050	1060	1060	1130
4	1060	1050	1060	1060	1060	1060	1080	1060	1050	1040	1010	990	970	970	960	970	980	1000	1040	1040	1040	1030	1100	1150	1030	1150
5	1140	1100	1310	1250	1190	1130	1030	1010	1010	1010	990	980	960	990	1000	820	1030	1040	1040	1070	1180	1070	1050	1060	1060	1310
6	1140	1120	1250	1150	1030	1080	1070	1060	1060	1040	1030	(CA)	1010	1020	1030	1040	1040	1040	1050	1070	1070	1070	1070	1070	1070	1250
7	1070	1080	1080	1090	1050	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	1080	1090
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(-)	(-)
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	1030	1040	1060	1060	1040	1070	1100	1110	1100	1100	1100	1070	1110
10	1120	1110	1120	1130	1120	1140	1140	1130	1110	1210	1060	1050	1030	1030	1030	1020	1030	1060	1070	1100	1130	1120	1110	1100	1090	1210
11	1110	1120	1120	1120	1150	1150	1110	1110	1100	1080	1080	1070	1040	1010	970	1010	1030	1330	1050	1060	1060	1070	1070	1070	1090	1330
12	1060	1030	1080	1070	1050	1050	1060	1040	1030	1060	1110	1000	1000	1000	990	1010	1030	1040	1030	1110	1040	1030	1030	1030	1040	1110
13	1020	1030	1030	1030	1040	1040	1050	1050	1040	1040	1140	1020	1070	1020	1020	1010	1020	1030	1040	1180	1070	1060	1070	1080	1050	1180
14	1090	1060	1070	1070	1070	1070	1070	1070	1070	1040	1030	1050	1040	1060	1050	1050	1160	1050	1060	1070	1080	1080	1080	1080	1070	1160
15	1090	1080	1060	1060	1080	1070	1080	1060	1080	1040	1040	1040	1030	1040	1050	1010	1020	1040	1050	1060	1070	1080	1090	1080	1060	1090
16	1230	1070	1070	1070	1070	1060	1120	1080	1050	1040	1020	1020	1020	1000	1010	1000	1020	1050	1070	1070	1070	1060	1070	1070	1060	1230
17	1070	1100	1090	1090	1070	1080	1080	1080	1080	1100	1090	1090	1050	1040	1030	1030	1020	1030	1030	1040	1050	1060	1050	1060	1060	1100
18	1050	1060	1060	1060	1060	1060	1050	1050	1040	1040	1110	1000	990	1010	1020	1030	1030	1040	1040	1050	1060	1060	1060	1070	1050	1110
19	1050	1050	1050	1050	1060	1050	1070	1070	1050	1050	1040	1020	1030	1030	1020	1020	1020	1100	1050	1060	1070	1080	1080	1070	1050	1100
20	1160	1080	1080	1070	1080	1070	1080	1080	1060	1040	1020	1010	990	1010	1010	990	1010	1020	1030	1050	1050	1060	1050	1050	1050	1160
21	1040	1030	1030	1030	1040	1040	1030	1030	1020	1000	990	990	1000	(CA)	1070	1110	1090	1060	1050	1060	1050	1060	1060	1040	1040	1110
22	1040	1050	1040	1030	1050	1040	1030	1030	1030	1110	1030	1030	1020	1010	1030	1030	1020	1010	1020	1010	1010	1040	1040	1020	1030	1110
23	1040	1040	1020	1020	1020	1030	1020	1030	1000	1020	1000	1040	1020	1000	1010	1010	1020	1030	990	1050	1030	1040	1030	1020	1020	1050
24	1030	1040	1040	1060	1060	1070	1070	1050	1040	1030	1010	(CA)	1000	990	1000	1000	990	990	990	990	990	1010	990	990	1020	1070
25	990	1130	980	980	980	950	990	1100	1030	930	1010	1010	1000	1090	1000	880	940	960	970	970	960	970	970	960	990	1130
26	970	990	980	1000	1000	1020	1010	1010	1010	1020	1000	990	990	980	990	990	980	990	990	1020	1010	1020	1020	1010	1000	1020
27	1020	1020	1030	1030	1060	1100	1070	1050	1030	1010	1000	1010	1010	1000	1000	1000	1000	1010	1010	1030	1050	1030	1040	1040	1030	1100
28	1040	1040	1040	1050	1050	1070	1050	1050	1030	1050	1040	1030	1030	1010	1010	1010	1000	1010	1030	1090	1020	1030	1030	1030	1040	1090
29	1020	1030	1020	1020	1030	1040	1040	1040	1060	1060	1040	1040	1030	1040	1030	1010	1020	1020	1030	1030	1040	1040	1040	1050	1030	1060
30	1050	1050	1060	1060	1060	1060	1060	1070	1070	1090	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1040	1090
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	1070	1070	1070	1070	1060	1070	1060	1060	1060	1050	1040	1020	1010	1010	1010	1010	1020	1040	1030	1060	1050	1050	1050	1050	1050	( )
SD	54	33	67	51	41	35	35	30	38	43	38	27	24	25	25	51	38	62	25	41	41	29	32	37	23	( )

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	120	120	230	60	60	20	110	140	30	30	90	230
28	50	70	60	50	60	60	50	150	200	230	190	190	140	100	70	50	40	60	90	40	120	160	40	100	100	230
29	0	0	70	70	70	130	130	200	200	130	130	70	70	70	70	70	70	0	70	70	130	70	130	70	90	200
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	30	30	70	60	70	100	90	180	200	160	160	130	110	90	90	80	110	40	70	40	120	120	70	70	90	[ ]
SD	25	35	5	10	5	35	40	25	0	50	30	60	35	15	24	29	83	28	12	21	8	39	45	29	5	[ ]

HYDROCARBONS [METHANE REDUCED]
[MICROGRAMS/CU. METER]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	90	70	70	70	70	80	60	100	70	50	50	[CA]	50	[LI]	[LI]	[LI]	[LI]	220	0	80	20	40	250	20	80	250
2	20	50	30	30	30	30	30	70	40	40	30	50	70	70	40	90	60	60	60	10	110	70	90	70	50	110
3	10	30	50	30	30	80	30	90	90	80	30	90	150	110	90	90	90	220	50	270	280	60	60	60	90	280
4	100	130	90	90	60	70	120	80	70	90	80	70	60	240	60	60	60	80	80	40	40	90	50	130	90	240
5	60	160	80	70	60	70	80	90	100	80	130	120	60	120	170	80	50	60	60	40	70	80	40	70	80	170
6	100	90	90	100	100	100	80	100	150	370	450	180	170	80	110	100	120	110	60	70	80	80	90	80	130	450
7	80	90	100	90	110	90	110	110	200	210	180	[CA]	130	170	160	140	130	130	110	120	200	150	140	120	130	210
8	120	110	120	100	100	90	70	290	480	460	410	230	200	220	170	140	140	140	90	430	100	110	110	110	190	480
9	120	120	120	130	30	100	110	160	320	440	390	150	180	140	100	130	40	90	200	170	120	160	130	180	160	440
10	130	110	80	60	90	100	70	90	160	170	150	140	90	[CA]	100	120	70	120	60	90	90	60	100	90	100	170
11	70	50	110	100	70	20	20	30	20	30	90	50	70	0	10	10	0	30	50	0	0	140	0	0	40	140
12	50	0	0	10	0	10	0	0	0	0	60	40	40	30	40	130	30	40	40	0	0	0	10	30	20	130
13	20	20	20	20	30	70	120	230	290	130	210	50	40	50	40	40	10	60	80	170	30	30	170	90	80	290
14	80	70	70	80	100	170	130	70	60	80	100	80	70	70	70	40	60	20	30	0	0	220	0	10	70	220
15	0	110	50	30	30	10	20	10	30	10	70	80	70	110	40	60	160	40	0	0	10	30	120	40	50	160
16	30	70	40	40	40	50	70	110	120	130	40	70	70	110	[CA]	10	0	0	30	40	60	60	30	30	50	130
17	40	40	30	40	50	80	70	200	250	180	210	90	60	30	20	10	10	20	30	0	40	0	0	10	60	250
18	10	10	10	10	30	30	30	110	180	190	160	90	60	80	70	90	20	40	50	40	30	50	30	50	60	190
19	80	50	90	50	50	40	50	0	20	90	[CA]	80	30	80	50	90	20	20	30	50	50	50	50	70	50	90
20	50	50	60	60	60	60	70	70	70	70	60	50	120	90	80	80	60	80	90	20	30	80	30	100	70	120
21	140	50	100	50	40	40	70	100	100	30	100	20	80	80	80	80	70	70	80	30	40	40	60	50	70	140
22	60	70	70	70	70	70	80	90	110	170	70	110	60	0	60	40	30	60	40	0	80	10	70	80	70	170
23	60	30	100	90	90	130	150	140	110	100	80	120	50	90	20	30	40	40	40	120	70	80	110	60	80	150
24	80	90	90	90	90	90	100	110	100	120	50	110	100	90	90	80	80	80	40	30	60	40	50	50	80	120
25	40	70	120	140	80	80	70	50	50	50	60	70	[CA]	50	60	70	70	70	190	20	240	310	40	40	90	310
26	90	60	80	170	70	70	160	100	110	120	110	100	100	80	60	50	50	70	90	80	250	90	80	80	100	250
27	80	10	80	70	100	90	90	90	120	120	90	[LI]	[LI]	70	60	70	60	70	70	90	90	90	90	100	80	120
28	100	100	110	200	150	120	130	130	90	120	120	100	0	70	70	30	20	30	40	140	50	10	0	0	80	200
29	20	20	30	0	40	40	30	30	120	40	100	[MT]	10	10	10	10	20	40	50	50	0	10	60	10	30	120
30	30	30	20	30	20	30	20	30	20	60	50	0	30	10	10	70	0	0	0	20	20	30	50	50	30	70
31	0	0	10	10	0	70	40	140	60	70	30	90	0	70	60	40	0	60	0	0	10	10	10	0	30	140
AV	60	60	70	70	60	70	70	100	120	130	130	90	80	80	70	70	50	70	60	70	70	70	70	60	80	[ ]
SD	39	40	35	47	34	35	41	62	100	111	109	47	50	56	43	38	42	52	45	90	74	66	55	42	36	[ ]

HYDROCARBONS [METHANE REDUCED]
[MICROGRAMS/CU. METER]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	20	20	80	190	180	150	50	60	70	0	20	0	120	140	100	20	10	80	10	0	60	190
2	50	110	50	40	50	40	40	50	40	60	80	30	50	50	50	50	30	30	10	0	0	0	30	30	40	110
3	40	30	90	20	10	0	50	80	30	60	70	70	90	30	40	60	70	50	30	0	0	0	0	0	40	90
4	60	60	50	50	50	50	30	50	70	70	100	60	80	80	80	80	70	110	70	10	10	20	10	30	60	110
5	100	80	0	60	120	240	80	100	110	100	130	140	90	0	110	230	150	70	140	110	70	110	130	100	110	240
6	110	130	120	160	90	100	110	250	120	140	80	[CA]	170	100	80	70	70	140	130	110	110	170	170	170	130	250
7	110	160	100	90	120	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	120	160
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	90	70	50	50	70	50	10	0	80	80	80	60	90
10	60	70	60	50	60	40	40	50	70	0	60	130	80	90	90	90	80	60	40	80	110	120	70	140	70	140
11	60	80	80	80	90	120	70	140	150	100	100	110	140	110	140	110	90	0	70	40	30	50	40	40	80	150
12	50	90	100	40	60	50	120	80	150	120	70	180	180	120	130	100	80	70	140	10	80	150	80	90	100	180
13	90	80	80	80	130	70	60	130	140	140	0	90	50	160	90	100	160	80	140	0	110	120	50	30	90	160
14	160	360	110	40	110	110	40	110	50	70	80	60	70	50	70	60	20	60	120	50	100	100	30	40	90	360
15	90	170	40	100	100	110	30	50	40	70	70	80	90	80	70	100	90	80	60	60	50	30	30	30	70	170
16	0	110	100	50	110	120	60	100	60	140	90	100	90	50	40	110	100	130	40	40	50	180	40	40	80	180
17	100	70	90	150	110	100	100	100	100	80	90	90	60	80	80	90	90	90	80	70	130	120	60	120	90	150
18	130	120	120	120	120	120	130	130	140	80	0	120	120	100	90	90	80	140	140	70	120	120	120	170	110	170
19	130	130	130	120	180	130	110	110	190	130	80	90	90	90	90	100	100	80	130	60	40	100	100	170	110	190
20	20	100	100	110	100	170	100	0	110	140	90	110	120	100	110	120	40	30	20	70	60	60	60	60	60	170
21	70	80	80	80	70	60	80	90	160	110	130	60	120	[CA]	110	70	90	50	60	120	130	60	50	70	90	160
22	70	70	140	80	130	140	210	80	150	70	80	150	160	170	150	90	160	110	100	110	110	140	140	90	120	210
23	140	210	90	90	90	80	90	80	110	90	110	80	90	110	170	100	90	150	120	130	150	140	150	160	120	210
24	140	140	140	110	120	110	110	130	140	150	170	[CA]	50	50	50	50	60	60	60	60	60	40	60	60	90	170
25	120	0	60	70	60	70	120	80	150	70	100	100	120	0	240	0	110	80	150	80	90	80	80	150	90	240
26	80	120	70	50	50	100	100	100	40	30	110	120	60	70	60	60	60	60	60	30	40	30	30	170	70	170
27	30	100	90	80	100	80	180	130	90	100	50	100	100	110	50	50	50	40	100	90	70	80	80	70	80	180
28	60	140	70	60	60	40	60	130	80	70	70	80	90	30	30	40	40	40	90	30	30	20	20	80	60	140
29	30	80	100	160	80	140	80	130	60	190	70	80	80	70	80	40	30	30	20	20	70	130	70	60	80	190
30	60	60	60	50	60	60	50	40	50	20	90	90	90	90	30	30	90	30	0	0	20	20	0	0	50	90
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	80	110	80	80	90	90	90	100	100	90	80	100	100	80	90	80	80	70	80	50	70	80	60	80	80	[ ]
SD	41	67	34	39	37	49	42	48	47	43	34	32	35	42	47	43	36	39	45	40	44	51	45	55	24	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1
2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1
3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1
4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1
5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2
7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
10	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1
13	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.1	.1
14	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1
17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
22	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1
23	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
24	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.2	.2	.1	.1	.1	.2
25	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2
26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2
27	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	[CA]	.1	.2	.2	.2	.2	.2	.3	.2	.2	.2	.1	.3
28	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.3
29	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[ ]
SD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 6
MARCH,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	[CA]	.2	[LI]	[LI]	[LI]	[LI]	.3	.3	.2	.2	.2	.2	.4	.2	.4
2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.3	.1	.1	.1	.1	.3
3	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2
4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2
6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.3
7	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2
8	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.1	.1	.2
9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2
10	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.2
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.2
12	.1	.1	.1	.1	.1	.1	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
13	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.2
14	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.2	.1	.2
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2
16	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	.1	.1	[CA]	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.3
17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.1	.2	.1	.3
18	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2
19	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	[CA]	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.2	.3
20	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.4
21	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
22	.2	.1	.1	.3	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.4	.2	.2	.2	.2	.2	.4
23	.1	.1	.1	.2	.1	.2	.1	.4	.1	.3	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4
24	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.4	.1	.1	.1	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.4
25	.2	.2	.2	.2	.2	.2	.1	.2	.3	.1	.3	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.3
26	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2
27	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[LI]	[LI]	.0	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.3
28	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.1	.1	.1	.5
29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[MT]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.1	.4
30	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.3	.1	.3
31	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.3
AV	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.2	.1	[ ]
SD	.1	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.1	.3
2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
3	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.2
4	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.4	.3	.2	.2	.7	.2	.2	.2	.2	.2	.7
5	.2	.1	.1	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.3
6	.2	.2	.3	.1	.1	.2	.2	.2	.2	.3	.1	[CA]	.1	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.3
7	.2	.2	.2	.2	.1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.2	.2
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
10	.2	.2	.1	.1	.1	.1	.1	.2	.3	.1	.1	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3
11	.2	.2	.3	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3
12	.2	.2	.2	.1	.2	.1	.2	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
13	.1	.2	.2	.2	.2	.3	.2	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.1	.2	.3
14	.2	.2	.3	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.3
15	.1	.1	.2	.1	.2	.2	.1	.3	.1	.1	.4	.2	.2	.2	.2	.2	.6	.2	.2	.2	.2	.2	.2	.2	.2	.6
16	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.1	.2	.2	.2	.2	.3	.2	.3	.2	.3	.2	.2	.2	.2	.3
17	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.2	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
18	.4	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4
19	.1	.2	.2	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.3
20	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.6	.2	.2	.6
21	.2	.2	.2	.1	.2	.2	.1	.1	.2	.1	.2	.1	.2	[CA]	.2	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2	.2
22	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.3
23	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2
24	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.3
25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.4	.2	.2	.2	.1	.1	.4	.1	.1	.1	.1	.4
26	.1	.2	.1	.1	.3	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.3	.1	.1	.1	.3
27	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.2	.1	.1	.1	.1	.1	.1	.3
28	.1	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4
29	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
30	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	[ ]
SD	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	10	0	0	10	10	10	10	10	10	0	0	0	0	0	0	10
2	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	0	0	0	10	0	0	0	0	0	10
3	0	0	0	0	0	10	0	10	0	0	10	10	0	[CA]	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	0	10	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	0	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
6	0	0	0	0	0	0	0	0	10	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
8	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	10	10	10	0	0	10
10	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	20	10	10	10	0	0	0	0	0	20
11	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	0	0	0	0	0	10
12	0	0	10	10	0	0	0	0	0	0	0	[CA]	10	10	10	10	10	10	10	10	10	10	10	0	10	10
13	0	0	10	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	10	10
14	0	0	0	0	0	10	0	0	0	0	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	10
15	0	10	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	0	10	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10
19	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	10	10	20	20	20	10	10	10	10	10	10	10	20
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10	10	10	10	10	20
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	20	20	20	10	10	10	10	10	20
24	10	10	10	10	10	10	10	10	10	10	20	10	20	10	20	20	20	20	20	20	10	10	10	10	10	20
25	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	10	20	30
26	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	30	20	30	20	20	20	20	10	20	20	30
27	10	20	10	10	10	10	10	10	10	10	10	20	20	[CA]	30	20	30	30	30	20	20	20	20	20	20	30
28	20	20	10	20	20	10	10	10	20	20	20	20	20	20	20	20	30	30	20	30	30	20	20	20	20	30
29	20	20	10	20	10	20	10	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	20	20	30
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	10	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	6	7	5	6	6	6	5	6	7	7	7	8	8	7	8	9	10	10	8	8	8	8	7	7	6	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	30	[CA]	20	[LI]	[LI]	[LI]	[LI]	10	10	10	10	10	10	10	20	30
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	20
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	10	10	20
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	20	20	10	10	10	10	10	10	10	10	20
9	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	20	20	20	20	10	10	10	10	10	10	10	20
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	20
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	20
15	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	10	20	10	10	10	10	10	10	10	20
16	10	10	10	10	10	10	10	10	10	10	10	10	20	20	[CA]	20	20	20	20	10	10	10	10	10	10	20
17	10	10	10	10	10	10	10	10	20	20	10	10	20	20	30	20	30	20	20	10	10	10	10	10	10	30
18	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	20
19	10	10	10	10	10	10	10	10	0	10	[CA]	10	10	0	10	10	0	0	10	10	0	10	0	0	10	10
20	0	10	0	10	10	0	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	0	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	30	20	10	10	10	10	10	10	10	30
23	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	20	10	10	10	10	10	10	10	10	10	20
24	10	10	10	10	10	10	10	10	0	10	10	10	10	10	20	20	10	20	20	20	20	10	10	10	10	20
25	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
27	0	10	0	10	0	10	10	0	0	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	20
28	0	0	0	10	0	0	0	0	0	10	0	10	0	10	10	10	10	10	10	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	0	10	10	10	0	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	10	10	10	10	10	10	10	20
31	0	0	10	0	0	0	0	10	10	10	10	[CA]	10	20	20	20	20	20	20	10	10	10	10	0	10	20
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	4	4	4	3	4	4	4	4	5	4	5	3	5	5	5	5	7	6	4	3	4	2	2	3	3	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 6
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	20	20	10	10	10	10	10	0	10	10	20
2	10	10	0	10	10	0	0	0	0	0	10	10	20	10	20	20	20	20	20	10	10	10	10	10	10	20
3	0	0	0	0	0	0	0	0	0	0	10	[CA]	10	10	20	20	20	20	20	20	10	10	10	0	10	20
4	0	0	0	0	0	0	0	0	0	0	10	10	10	20	20	30	30	20	20	10	10	10	10	10	10	30
5	0	0	0	0	0	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	0	0	0	10	10	0	10	10	10	[CA]	10	10	10	10	10	20	10	10	10	10	10	10	10	20
7	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	30	20	20	20	20	20	20	10	10	20	30
8	10	10	10	10	10	10	10	10	10	10	20	20	20	20	30	30	20	20	20	20	10	10	10	10	20	30
9	10	10	10	10	10	10	10	10	10	10	10	20	[CA]	20	20	20	20	20	20	10	10	10	10	10	10	20
10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	20	10	20	20	20	10	10	10	10	0	10	20
11	10	0	0	0	0	0	0	0	0	0	10	10	10	20	30	30	30	20	30	20	20	10	10	10	10	30
12	0	0	0	0	0	0	0	0	10	10	10	10	10	20	10	20	10	10	10	0	0	0	0	0	10	20
13	0	0	10	0	0	0	0	0	0	0	0	10	0	10	10	10	10	0	10	10	10	10	0	0	0	10
14	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	10	10	10	0	0	0	0	0	10
15	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	10	10	10	10	0	0	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	10	0	0	10	0	10	10	10	10	10	10	0	10	10	10	0	10
17	10	10	0	10	10	10	0	10	10	0	10	10	10	10	10	20	20	10	10	10	20	10	20	10	10	20
18	10	10	10	0	10	0	10	10	10	0	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	20
19	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	20	10	10	10	10	10	10	20
20	10	0	10	0	0	0	0	0	10	10	10	10	10	10	10	20	20	20	20	30	20	20	10	10	10	30
21	10	10	10	10	10	0	10	0	10	10	10	10	20	[CA]	10	10	10	0	0	0	10	10	0	0	10	20
22	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	10	10	10	10	10	0	10	10	10
23	10	0	10	10	0	0	0	0	0	0	0	0	10	10	10	0	10	10	0	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	10	10	0	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10
30	0	0	10	0	10	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	5	5	5	5	5	4	5	5	5	5	5	6	6	7	8	10	9	8	9	8	7	6	6	5	4	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
2	10	10	10	10	10	10	0	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
3	10	10	0	0	10	0	0	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
4	10	10	10	0	0	0	10	10	0	0	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
5	30	20	20	20	10	10	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	30
6	10	10	10	10	10	10	10	10	10	0	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
7	10	10	10	10	10	10	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
8	10	10	10	10	10	10	0	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
9	0	10	10	10	10	0	10	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	10
10	10	10	10	10	20	10	10	10	10	10	30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	30
11	10	0	10	10	10	10	10	0	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
12	10	10	10	10	10	10	10	10	10	10	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
13	0	10	10	10	10	10	10	10	10	0	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
14	0	0	10	0	0	0	0	10	0	0	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	10
15	0	10	10	0	10	0	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
16	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
17	10	10	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	10
18	0	0	0	0	0	0	0	0	0	10	20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	20
19	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	10	20	20	20	20	20	10	10	10	10	10	10	20
22	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	10	10	10	10	10	10	20
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	20	10	10	10	10	10	20
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	30	30	20	20	20	20	10	10	10	30
25	10	10	10	10	20	10	10	10	10	10	20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	20
26	10	10	10	10	10	10	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
27	10	10	10	10	10	10	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10
28	20	10	10	10	10	10	10	20	20	20	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	20
29	20	20	20	20	20	20	10	10	20	20	20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	20
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	10	10	10	10	10	[ ]
SD	7	5	5	6	6	5	5	5	5	6	6	0	5	4	0	0	4	4	4	5	4	4	0	0	5	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	20	20	20	20	20	20	20	20	20	20	[CA]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	10	20	10	10	10	10	20	30
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	20
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	0	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	10	10	20
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	10	10	10	10	10	10	20
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	20
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10	10	10	10	20
8	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	20	20	20	10	10	10	10	10	10	20
9	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	20	30	30	30	20	20	10	10	10	10	10	30
11	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	0	10	10	10	10	10	20
12	10	0	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	10	10	10	10	10	10	20
14	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	30	20	20	10	10	10	10	10	10	30
15	10	10	10	10	10	10	10	10	10	10	10	20	20	30	30	40	40	40	30	20	20	10	10	10	20	40
16	10	10	10	10	10	10	10	10	10	10	10	20	20	20	[CA]	40	50	40	30	30	20	10	10	20	20	50
17	10	10	10	10	10	10	10	10	10	10	10	10	20	30	40	50	60	50	50	30	20	20	10	10	20	60
18	10	10	10	10	10	10	10	10	10	10	10	20	30	50	70	70	70	50	40	40	30	20	20	30	30	70
19	20	20	20	20	20	10	10	10	10	10	[CA]	0	10	10	0	10	10	10	10	10	10	10	10	10	10	20
20	10	10	10	10	0	10	10	0	10	10	10	10	10	10	10	20	20	20	20	10	10	10	10	10	10	20
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	10	10	10	10	10	20
22	10	10	10	10	10	10	10	10	10	10	10	20	10	20	30	50	50	50	40	20	20	20	20	10	20	50
23	10	10	10	10	10	10	10	10	10	10	20	20	30	40	30	30	30	30	30	20	20	10	10	10	20	40
24	10	10	10	10	0	10	10	10	10	10	10	20	30	30	40	60	70	70	50	40	30	20	20	20	30	70
25	20	20	20	20	20	20	20	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	20
26	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	30	40	30	20	20	10	10	10	10	10	40
27	10	10	10	10	0	0	10	10	10	10	10	20	30	30	30	30	30	20	20	10	10	10	10	10	10	30
28	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	10	10	10	10	10	10	20
29	10	10	10	10	0	10	0	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	0	10	20
30	10	10	0	10	10	10	10	10	10	10	10	10	20	20	30	30	30	40	30	20	10	10	10	10	20	40
31	10	10	10	10	10	10	10	0	10	10	10	[CA]	30	30	50	70	80	80	60	50	30	20	20	20	30	80
AV	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	30	30	30	20	20	10	10	10	10	10	[ ]
SD	4	4	4	4	5	3	3	3	2	3	2	5	8	10	14	18	20	18	13	11	6	4	4	5	5	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

APRIL, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	0	10	10	10	10	10	10	20	40	40	50	60	60	60	50	40	30	20	20	20	30	60
2	10	10	10	10	10	10	10	10	10	10	10	10	30	40	60	70	70	70	60	40	30	20	20	10	30	70
3	10	10	0	10	10	0	10	10	0	10	10	[CA]	20	40	60	70	80	70	80	6880	10	[CA]	20	10	340	6880
4	10	10	10	10	10	10	0	0	10	10	20	20	40	50	80	80	80	70	70	50	40	30	20	20	30	80
5	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	40	20	20	10	10	10	10	10	10	10	40
6	10	10	0	0	10	10	10	10	0	10	10	[CA]	20	20	30	20	30	20	20	20	10	10	10	10	10	30
7	10	10	10	10	10	10	10	10	20	20	20	30	40	50	60	70	60	60	50	40	30	30	20	20	30	70
8	10	20	10	20	10	10	10	10	20	20	20	30	50	70	80	80	90	80	80	60	40	30	20	20	40	90
9	20	20	10	20	10	20	10	10	20	20	20	40	[CA]	50	60	70	70	70	50	40	30	20	20	10	30	70
10	10	10	10	10	10	0	10	0	10	10	20	30	40	70	70	70	80	80	80	70	60	40	30	10	30	80
11	10	10	10	10	10	10	10	10	0	10	20	40	70	80	70	70	60	60	70	80	80	60	30	30	40	80
12	20	10	10	10	10	10	10	10	20	30	30	40	60	70	80	60	50	40	40	30	30	20	20	20	30	80
13	20	20	20	20	10	10	10	10	10	20	20	20	30	30	40	40	40	40	20	20	20	20	10	10	20	40
14	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	20
15	10	10	10	10	10	10	10	10	10	10	20	30	30	30	30	50	40	30	30	20	10	10	10	10	20	50
16	10	10	10	10	10	10	0	10	10	10	10	20	20	20	40	40	40	30	20	10	10	10	10	10	20	40
17	10	10	10	0	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	10	10	10	20
18	10	10	10	10	0	10	0	10	10	0	10	20	30	30	20	20	20	20	20	20	10	10	10	10	10	30
19	10	10	10	10	10	10	10	10	10	10	20	20	30	40	60	60	70	70	60	50	40	30	20	20	30	70
20	10	10	10	10	10	10	10	0	10	10	20	30	30	50	70	80	80	70	70	70	50	40	30	30	30	80
21	20	20	20	20	10	20	10	10	20	30	40	50	70	[CA]	40	30	30	30	30	20	20	10	20	10	30	70
22	10	10	10	10	10	10	0	10	10	20	20	20	30	40	20	20	30	30	30	20	20	20	10	20	20	40
23	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	10	10	10	10	20
24	10	0	0	10	0	10	10	10	10	10	10	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	20	10	20	30	30	40	40	40	40	30	260	20	20	10	10	30	[ ]
SD	6	6	6	6	5	5	5	5	7	8	9	14	20	24	27	29	30	28	27	1230	19	14	9	8	59	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
2	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
3	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
4	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
5	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
6	0	0	0	0	0	0	0	0	0	0	0	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
7	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
8	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
9	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
10	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
12	0	0	0	0	0	0	0	0	0	0	0	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
13	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
14	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
15	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
16	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
17	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
18	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
19	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
26	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
27	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
28	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
29	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	[CA]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 6
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	50	40	40	40	40	40	40	40	40	40	50	50	60	60	70	70	80	70	70	60	50	50	50	40	50	80
2	40	40	40	50	40	40	30	30	30	40	40	50	50	50	60	60	60	60	50	50	40	40	40	30	40	60
3	40	30	30	40	30	40	30	30	30	30	40	40	40	[CA]	50	50	60	50	50	50	50	40	40	40	40	60
4	40	40	40	40	50	50	80	80	80	70	70	70	70	70	70	70	70	60	60	60	60	60	60	60	60	80
5	60	60	60	60	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60
6	60	60	60	60	60	60	60	50	50	50	50	[CA]	60	70	70	70	80	80	80	80	80	80	80	80	70	80
7	80	80	50	80	80	80	80	80	80	80	70	70	80	80	80	60	80	70	70	70	70	70	60	60	80	80
8	50	50	50	50	50	50	50	50	50	50	50	60	70	80	80	80	80	60	80	80	90	80	80	80	70	90
9	80	80	70	70	70	70	70	70	70	70	70	60	80	80	80	80	60	60	50	50	50	80	80	70	70	80
10	60	70	70	70	70	70	60	60	50	50	70	70	80	80	90	90	90	90	80	70	60	50	50	50	70	90
11	50	50	50	40	40	40	40	30	30	40	60	60	70	80	60	90	90	90	90	70	50	40	30	30	60	90
12	30	30	30	30	30	30	20	20	20	40	40	[CA]	70	80	80	80	90	80	80	70	70	70	70	50	50	90
13	60	50	50	40	40	40	40	30	40	50	60	70	80	90	90	90	90	90	80	60	50	50	40	30	60	90
14	30	30	30	40	30	30	30	30	40	40	50	60	70	70	70	90	60	80	70	60	60	50	50	50	60	90
15	40	40	40	40	40	30	30	30	30	30	40	50	80	50	70	70	70	70	70	70	70	70	70	70	50	80
16	50	50	50	50	50	50	50	50	60	60	70	70	70	70	80	80	80	70	70	70	70	70	70	70	60	80
17	70	70	70	60	60	60	80	70	70	70	50	80	70	80	80	90	90	80	70	70	60	60	70	70	70	90
18	70	60	50	60	70	60	60	60	60	60	70	70	70	70	80	80	80	80	70	70	70	50	60	60	70	80
19	50	40	40	40	40	40	30	30	30	40	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	70	70	70	80	80	70	50	80
20	70	70	80	80	70	70	70	70	70	70	70	60	60	70	70	70	70	70	70	70	70	60	60	60	70	80
21	60	50	50	50	50	50	50	50	50	50	60	70	[CA]	70	80	80	80	80	70	60	60	60	60	60	60	80
22	60	50	50	50	50	50	50	50	50	50	50	60	60	70	70	80	80	70	70	50	50	50	50	50	60	80
23	40	40	40	40	40	40	40	40	40	40	50	60	60	70	70	80	80	60	70	50	50	50	40	40	50	80
24	40	40	40	40	40	50	50	50	50	50	70	70	70	100	70	70	80	80	70	50	60	50	50	50	60	100
25	50	50	50	50	40	40	40	40	40	40	50	60	70	70	80	80	80	80	80	70	70	60	50	50	60	80
26	50	40	40	40	40	30	30	30	30	40	50	60	70	80	90	90	90	90	70	60	50	50	40	40	50	90
27	40	40	40	30	30	30	30	30	30	40	50	60	80	[CA]	90	90	90	90	70	60	50	50	40	50	50	90
28	40	40	40	30	30	30	30	30	30	30	40	40	50	60	60	70	70	70	70	70	70	60	60	60	50	70
29	60	50	50	40	40	40	40	60	40	50	70	70	70	80	80	80	80	60	80	80	80	80	80	80	70	80
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	50	50	50	50	50	50	50	50	50	50	60	60	70	70	70	80	80	80	70	60	60	60	60	60	60	[ ]
SD	13	14	14	15	15	15	17	17	16	13	12	10	10	12	11	10	10	11	9	9	11	13	15	15	8	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	80	90	90	80	80	80	80	70	70	70	90	70	70	70	70	70	70	70	60	60	50	60	60	70	90
2	60	60	60	70	70	70	70	70	70	70	70	70	80	80	90	80	80	80	80	70	80	70	70	70	70	90
3	60	60	60	60	60	60	50	50	50	60	60	70	70	80	80	80	80	80	80	80	80	80	80	80	70	80
4	80	80	80	80	80	80	80	70	70	70	70	80	80	80	90	90	90	80	80	80	80	80	70	70	80	90
5	70	70	70	70	70	70	70	60	60	60	70	70	60	90	90	90	100	90	90	70	70	70	60	60	70	100
6	60	60	60	60	60	60	60	50	60	70	70	70	80	60	90	90	100	90	90	70	70	70	70	60	70	100
7	60	60	60	60	60	60	50	50	60	70	70	80	80	90	100	100	100	100	100	90	80	70	60	60	70	100
8	60	60	60	60	60	50	50	50	50	60	70	70	80	100	100	100	100	100	90	80	60	50	50	50	70	100
9	50	50	50	50	50	50	50	40	50	60	70	70	80	90	100	110	110	100	90	80	60	60	50	50	70	110
10	40	40	40	40	40	40	30	40	40	50	60	60	80	[CA]	90	100	100	100	90	70	50	50	50	50	60	100
11	40	40	40	40	70	80	80	70	70	70	80	80	60	80	80	80	80	80	70	70	70	70	60	60	70	80
12	70	70	70	70	70	70	70	70	70	70	70	70	70	70	80	80	80	80	70	60	50	50	50	50	70	80
13	50	50	50	50	50	50	40	40	50	60	60	70	80	80	90	80	90	90	90	80	60	50	50	40	60	90
14	50	50	50	50	50	50	50	40	50	50	60	60	70	80	80	80	80	80	80	80	70	70	60	60	60	80
15	60	50	50	50	50	50	50	40	50	60	60	70	70	80	80	80	80	80	70	60	50	50	50	50	60	80
16	60	50	50	50	50	50	40	40	50	50	70	70	80	80	[CA]	90	90	80	80	70	60	50	50	50	60	90
17	40	40	40	40	30	30	30	30	40	40	60	70	80	80	80	80	80	80	70	60	50	50	60	50	50	80
18	50	40	40	40	30	30	30	30	40	50	60	60	70	80	90	90	90	80	80	90	90	80	80	80	60	90
19	90	90	90	100	100	80	80	80	80	80	[CA]	80	80	60	80	80	60	80	70	70	70	70	60	60	80	100
20	70	70	70	70	70	70	70	70	70	70	80	80	80	80	80	90	90	90	90	80	70	70	60	60	80	90
21	60	60	70	60	50	50	60	60	70	70	80	80	80	80	80	90	90	90	90	80	80	60	60	50	70	90
22	50	50	50	50	40	40	40	40	50	50	60	70	70	70	80	80	80	80	70	70	70	60	50	50	60	80
23	60	60	70	60	50	50	40	50	50	70	70	70	90	90	90	90	90	90	80	80	70	60	70	60	70	90
24	50	50	50	40	40	40	40	40	50	60	70	80	80	80	80	90	90	80	80	70	80	80	80	80	70	90
25	80	90	90	90	100	90	90	70	70	80	80	80	[CA]	80	80	80	80	80	80	70	60	60	60	60	60	100
26	50	50	50	50	50	50	50	50	60	70	70	80	80	80	80	90	90	80	80	70	70	70	60	50	70	90
27	50	50	40	40	40	40	40	40	50	70	80	80	80	90	90	100	90	80	80	70	70	70	60	70	70	100
28	70	70	70	70	60	60	60	60	70	70	70	80	70	80	80	80	80	90	80	70	70	60	50	40	70	90
29	40	40	30	40	30	30	30	40	50	60	70	80	80	80	80	80	80	80	80	80	70	70	70	70	60	80
30	60	60	50	50	50	50	50	50	70	70	80	80	80	90	90	90	90	90	80	70	60	50	50	60	70	90
31	50	50	50	40	40	40	30	40	50	60	80	[CA]	80	80	90	90	90	90	90	80	80	70	60	50	60	90
AV	60	60	60	60	60	60	50	50	60	60	70	70	80	60	90	90	90	90	80	70	70	60	60	60	70	[ ]
SD	13	14	16	16	18	16	17	14	11	9	7	7	5	6	7	8	9	8	8	8	10	10	9	11	6	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	50	40	40	40	30	30	30	40	40	60	80	80	90	90	90	90	90	100	100	90	90	90	80	80	70	100
2	80	70	60	60	60	50	50	50	50	80	90	90	100	100	100	100	100	100	100	80	70	60	60	50	80	100
3	50	50	50	40	40	40	40	40	50	60	60	[CA]	80	90	100	100	100	100	100	80	60	70	60	50	70	100
4	50	50	40	40	40	40	40	40	50	60	70	70	80	90	90	100	90	90	90	70	70	60	50	50	60	100
5	50	50	50	40	40	40	30	30	30	40	60	60	70	80	80	80	70	70	80	90	80	90	80	80	60	90
6	70	80	70	70	80	80	80	80	80	90	90	[CA]	100	100	100	100	100	90	90	90	90	80	80	80	90	100
7	70	70	70	70	70	60	60	70	80	80	80	90	90	90	90	90	90	90	90	80	80	70	70	50	80	90
8	50	40	40	30	30	40	30	40	50	70	70	90	90	90	90	90	100	100	90	80	60	60	50	50	60	100
9	60	70	70	70	70	60	60	60	80	90	100	100	[CA]	120	130	140	140	110	110	110	100	80	70	70	90	140
10	70	60	50	50	50	50	40	50	60	70	90	100	100	110	110	110	110	110	100	90	80	70	70	60	80	110
11	60	50	50	50	40	40	40	50	50	60	70	80	90	100	110	110	110	110	110	90	90	70	70	70	70	110
12	60	50	50	50	60	60	50	60	70	100	80	90	90	90	90	90	90	90	80	80	80	80	70	70	70	100
13	70	70	70	60	60	70	70	70	80	80	80	80	80	80	80	80	80	80	80	70	70	60	50	50	70	80
14	50	70	60	50	50	50	40	60	80	80	80	90	90	80	80	80	80	80	80	80	70	60	50	40	70	90
15	60	60	50	50	60	60	60	70	80	80	90	90	90	90	90	90	100	100	90	80	70	70	70	70	80	100
16	50	40	40	40	40	30	30	50	80	90	90	90	90	90	90	90	90	90	90	80	80	70	80	80	70	90
17	80	70	70	60	70	70	60	60	60	50	60	60	70	60	80	80	80	80	80	70	60	60	70	80	70	80
18	80	70	60	60	50	50	50	50	60	70	70	80	80	90	80	80	80	90	90	90	90	80	90	80	70	90
19	70	60	70	60	60	50	50	60	70	70	80	80	80	80	90	90	90	90	90	80	90	80	100	90	80	100
20	70	70	60	50	50	50	50	60	70	90	90	90	100	90	90	90	90	90	90	90	80	70	70	70	80	100
21	70	60	70	60	60	50	50	50	60	70	80	100	100	[CA]	100	110	110	110	110	100	80	70	70	70	80	110
22	60	60	50	50	50	50	60	70	90	90	120	130	120	120	120	120	110	110	100	90	80	110	110	110	90	130
23	100	90	90	90	80	80	80	90	90	90	90	100	100	100	110	120	120	120	110	90	80	80	60	60	90	120
24	60	50	50	50	50	50	50	50	60	80	90	[CA]	90	90	90	90	90	90	90	70	70	80	70	70	70	90
25	60	50	50	50	40	40	40	40	70	90	70	90	100	100	100	100	100	90	80	80	80	70	60	50	70	100
26	70	80	70	70	70	70	70	70	70	70	70	80	80	80	80	80	90	80	80	70	70	60	60	60	70	90
27	50	50	50	50	50	50	70	60	70	70	80	90	90	90	90	100	100	90	90	80	70	60	50	50	70	100
28	50	50	50	50	40	40	40	50	60	70	70	80	90	90	90	90	100	100	90	90	80	70	60	60	70	100
29	50	50	40	40	40	40	40	50	60	70	70	90	90	90	90	90	90	90	90	90	80	80	80	80	70	90
30	80	80	80	80	70	70	70	80	80	80	80	80	90	80	90	90	90	90	90	80	70	50	50	50	80	90
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	60	60	60	50	50	50	50	60	70	80	80	90	90	90	90	100	100	90	90	80	80	70	70	70	70	[ ]
SD	12	13	13	13	14	13	14	14	15	13	13	13	10	11	12	14	14	11	9	9	10	12	15	15	8	[ ]

OUTPT (VERSION N 26 APR 76)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	10	10	5	5	5	5	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	0	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
29	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[MT]	[MT]	[MT]	[MT]	[MT]	5	5	5	5	5	5	5	5	5	5	5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	5	5
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH
SITE A 7
APRIL, 1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
3	0	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	5	5	5	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	5	5	5	5	5	0	5	5	5	5	5	0	5	5	5	5	0	5	5	0	0	0	0	5	5
6	0	0	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	0	5	5	5	5	0	5	5	5
7	5	5	5	5	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	0	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	10	5	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5
19	5	5	5	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	0	5	5
27	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	3	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	5	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	0	0	0	5	0	0	5
6	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
9	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	0	5	0	0	0	0	0	6	0	5
21	0	0	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	5	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
23	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
29	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[MT]	[MT]	[MT]	[MT]	[MT]	0	0	0	0	0	0	0	5	0	0	5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	1	0	1	2	2	2	2	2	2	2	1	0	1	0	1	1	0	1	1	0	0	1	1	2	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8	5	0	0	0	0	0	10	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	5
20	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )
SD	1	1	1	1	1	1	2	0	1	1	1	0	0	0	0	1	1	1	0	1	0	1	1	0	0	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	0	0	5	5	5	5	0	5	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
2	5	0	0	5	5	0	0	5	5	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
4	5	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	0	0	5	5	0	5	5
5	5	5	0	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	0	5	5	0	5	5	5
7	5	5	5	5	5	0	0	5	5	5	5	5	0	0	5	0	5	5	0	5	0	5	5	5	5	5
8	5	5	5	0	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	0	5	5	5	5	5
9	5	5	0	0	5	0	5	0	5	5	5	5	0	0	5	0	5	5	5	5	5	5	0	0	5	5
10	0	0	5	5	5	5	0	5	0	5	0	5	5	0	5	5	0	0	5	0	5	0	0	5	5	5
11	5	5	0	0	0	0	0	5	5	5	0	0	5	0	5	5	5	0	0	5	5	5	0	0	5	5
12	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	0	0	0	0	5	5	0	0	5	5
13	0	0	0	0	0	5	0	5	5	0	5	0	0	5	0	0	5	5	0	0	0	0	5	0	0	5
14	5	5	5	0	0	5	0	0	5	0	5	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5
15	0	0	5	0	0	5	0	5	0	5	5	5	0	0	0	0	0	0	0	0	5	0	0	5	0	5
16	0	0	5	5	5	0	5	5	5	0	5	0	0	0	5	5	0	0	0	5	5	5	5	5	5	5
17	5	0	5	5	0	5	5	5	0	0	0	5	0	5	5	5	5	0	0	0	5	0	5	5	5	5
18	5	0	0	5	5	5	5	5	5	5	0	0	5	5	5	5	0	0	0	0	5	0	0	0	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	5	0	0	5	5
20	0	0	5	5	5	0	0	0	5	0	5	5	5	0	0	5	0	5	0	5	5	5	5	5	5	5
21	5	0	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	5	0	0	0	5	5	0	5	5
22	5	0	0	5	0	5	5	5	5	0	0	0	5	0	5	5	0	0	0	5	0	5	0	0	0	5
23	0	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	0	5	5	0	0	5	0	5	5	5
24	5	5	0	5	5	0	5	5	5	5	5	5	0	5	0	5	0	5	0	0	5	5	5	0	5	5
25	0	0	5	0	0	0	5	5	5	5	5	5	0	5	5	0	5	5	5	0	5	0	0	5	5	5
26	5	5	0	0	5	0	5	5	5	5	0	5	5	0	0	5	0	0	0	0	5	5	5	5	5	5
27	5	5	0	0	5	5	5	0	0	5	0	0	0	0	5	5	5	5	0	5	0	5	5	5	5	5
28	0	0	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	0	5	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
29	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[MT]	[MT]	[MT]	[MT]	[MT]	5	5	5	5	5	5	5	5	5	5	5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	0	5	5	5	5	5	[ ]
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
19	5	5	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	5	0	5	5	0	0	5	0	0	0	0	0	0	0	5	0	0	5
27	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	1	1	1	1	1	2	2	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	5	5	5	5	5	5	0	5	5	5	0	5	5	5	0	5	0	5	0	5	0	0	5	5	5
2	5	5	0	5	5	5	5	0	5	5	5	5	0	5	0	0	0	5	0	5	5	0	5	0	5	5
3	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	0	5	5	0	5	5	0	5	5
4	0	5	5	5	0	5	5	5	0	5	0	5	5	0	5	0	0	5	5	0	5	5	5	0	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	0	5	0	5	5	5
6	5	5	5	0	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	0	5	0	0	5	0	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	0	0	0	5	5	5	5
9	0	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	5	0	5	5	5	0	5	5	5
10	0	5	0	0	0	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	5	0	0	5	0	5
11	0	5	5	5	5	5	0	0	5	0	5	0	5	0	5	5	5	0	5	0	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	5	0	0	0	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	0	5	0	0	5	5	0	5	0	5	5	5	0	5	5	5
14	5	5	5	5	5	0	5	5	5	5	0	0	5	5	0	0	5	0	5	5	0	0	5	5	5	5
15	0	5	5	5	5	5	5	5	0	5	0	0	0	5	5	5	5	0	0	5	5	0	5	5	5	5
16	5	5	5	5	0	0	5	5	0	5	0	5	0	0	0	0	5	0	0	0	5	5	0	0	0	5
17	5	0	5	5	0	0	0	5	5	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	0	0	5	5	5	5
18	5	5	5	0	5	0	5	5	0	0	0	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5
19	5	0	0	5	5	5	5	0	0	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	0	0	0	0	5	0	5	5	5	0	0	5	5	0	0	0	0	5	5	5
21	0	5	0	0	0	5	0	0	5	5	5	5	5	0	0	0	5	0	0	5	5	0	0	5	0	5
22	5	5	5	5	5	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	5	0	5
23	5	5	5	5	0	5	5	0	5	5	0	0	0	0	0	0	5	0	0	0	5	0	0	5	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	0	0	5	5	5	0	5
25	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	0	0	0	5	5	0	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5
27	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	5	5	5
28	5	5	5	5	5	5	5	5	0	5	0	0	5	0	0	5	5	0	0	0	0	0	0	0	5	5
29	5	0	5	0	5	0	5	0	0	5	5	5	5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM][	] [	]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM][	] [	]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	0	0	5	5	5	5	5 [	]
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 [	]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 7
APRIL,1976
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
2	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	5	5	5	0	0	0	5	5	5	0	5	0	0	0	0	0	0	5
6	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	0	0	0	0	5	5
7	5	5	5	5	0	0	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	0	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10	5	10
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	5	10
17	10	10	10	10	10	10	5	10	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
18	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
21	5	0	5	5	5	5	5	5	5	0	5	5	0	5	5	5	5	5	5	5	5	5	0	0	5	5
22	0	5	0	5	5	5	5	5	0	5	5	0	0	0	5	5	5	0	0	5	0	0	0	0	5	5
23	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5
27	5	0	0	0	5	5	5	5	5	0	0	0	0	0	0	5	5	0	5	0	0	0	0	0	0	5
28	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	5	0	0	0	0	5	5	[ ]
SD	3	3	3	3	3	3	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A B

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	0	5	5	5	5	5	5	5	0	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5	5	5
2	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	10	5	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	10
6	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	5	10	5	5	5	5	5	5	5	10
7	5	5	5	5	5	10	5	5	10	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	10	10	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
10	5	5	5	5	5	0	5	5	5	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5
11	0	0	5	0	0	0	0	5	5	0	5	0	0	0	0	0	0	0	0	5	5	5	5	5	0	5
12	5	5	5	5	10	5	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10	0	5	10
13	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5
17	0	0	5	0	5	0	0	0	0	0	0	5	5	0	5	5	0	0	5	5	0	0	0	5	0	5
18	0	0	0	0	5	0	5	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	5	0	5	0	0	0	0	5
20	0	5	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	0	0	0	5 [	]
SD	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	3	2	3	2	2	2	2	3	2	2 [	]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	[ ]

Data Documents/Inc

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

FEBRUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

MARCH, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A-8

FEBRUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

MARCH,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A B

APRIL,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 01/JUL/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	10	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

B. AIR QUALITY

2. MISCELLANEOUS DATA

CUSTOMER Aerovironment, Inc.

ATTENTION Andrew Huang

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

CK. NO. 7366

SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0547
Date Collected - 4-6-76
Sample Weight - 761 m^3
Date Control - 5-4-76
Time Control - 1030
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.3 E-01
Bi-212	7.8 ± 7.6 E-02
Cs-137	Less than 8.5 E-03
Bi-214	Less than 3.3 E-02
Be-7	1.5 ± 0.6 E-01
Ra-226	Less than 3.1 E-01
Co-57	6.8 ± 4.8 E-03
Gross Alpha	0.0 ± 3.6 E-03
Gross Beta	2.3 ± 1.9 E-02

039-D - GR - 6

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PAGE 1 OF 1 PAGES

BY Ernest J. Lang DATE 5-6-76

Ernest J. Lang, Supervisor

CUSTOMER Aerovironment, Inc.

SOUTHEASTERN FACILITY

ATTENTION Andrew Huang

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

ACK. NO. 7366

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0548
Date Collected - 4-6-76
Sample Weight - 720 m^3
Date Control - 5-4-76
Time Control - 1250
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.4 E-01
Mn-54	Less than 6.0 E-03
Cs-137	Less than 1.0 E-02
Be-7	8.4 ± 5.7 E-02
Pb-214	Less than 3.8 E-02
Pb-212	Less than 3.1 E-02
Ra-226	Less than 3.2 E-01
Ce-144	Less than 6.7 E-02
Gross Alpha	0.0 ± 3.6 E-03
Gross Beta	0.0 ± 1.9 E-02

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0504
Date Collected - 3-1-76
Sample Weight - 764 m^3
Date Control - 5-4-76
Time Control - 1530
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.3 E-01
Cs-137	Less than 6.7 E-03
Bi-214	Less than 3.1 E-02
Tl-208	Less than 1.2 E-02
Be-7	Less than 9.9 E-02
Pb-212	Less than 3.0 E-02
Gross Alpha	0.0 ± 3.6 E-03
Gross Beta	0.0 ± 1.9 E-02

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CUSTOMER Aerovironment, Inc.

ATTENTION Andrew Huang

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ACK. NO. 7366

SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0498
Date Collected - 3-1-76
Sample Weight - 720 m^3
Date Control - 5-4-76
Time Control - 1750
Minutes Counted - 100

Isotope	pCi/m^3
Cs-137	Less than 9.4 E-03
Bi-214	Less than 3.5 E-02
Tl-208	Less than 1.2 E-02
Ru-103	6.0 ± 4.5 E-03
Be-7	5.8 ± 5.0 E-02
Ac-228	Less than 8.6 E-02
Cr-51	8.2 ± 6.3 E-02
Pb-212	Less than 3.2 E-02
Ra-226	Less than 3.3 E-01
Pb-214	Less than 3.9 E-02
Gross Alpha	0.0 ± 3.6 E-03
Gross Beta	0.0 ± 1.9 E-02

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Gross Alpha/ Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0466
Date Collected - 2-6-76
Sample Weight - 761 m^3
Date Control - 5-4-76
Time Control - 1932
Minutes Counted - 100

Isotope	pCi/m^3
Cs-137	Less than 8.8 E-03
Be-7	9.1 ± 4.6 E-02
Ra-226	Less than 3.2 E-01
Gross Alpha	7.0 ± 5.2 E-03
Gross Beta	3.5 ± 2.0 E-02

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ATTENTION Andrew Huang

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0465
Date Collected - 2-6-76
Sample Weight - 720 m^3
Date Control - 5-4-76
Time control - 2113
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.8 E-01
Cs-137	Less than 7.7 E-03
Tl-208	Less than 1.3 E-02
Be-7	8.4 ± 4.3 E-02
Pb-212	Less than 3.1 E-02
Gross Alpha	0.0 ± 3.8 E-03
Gross Beta	0.0 ± 2.0 E-02

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Ernest J. Lang, Supervisor

CUSTOMER Aerovironment, Inc.

ATTENTION Andrew Huang

ADDRESS 145 Vista Avenue

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0419
Date Collected - 1-1-76
Sample Weight - 761 m^3
Date Control - 5-4-76
Time Control - 2257
Minutes Counted - 100

Isotope	pCi/m^3
K-40	1.3 ± 1.0 E-01
Cs-137	Less than 8.9 E-03
Sb-125	Less than 3.6 E-02
Pb-212	Less than 2.9 E-02
Gross Alpha	0.0 ± 3.8 E-03
Gross Beta	0.0 ± 2.0 E-02

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CUSTOMER Aerovironment, Inc.
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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Gross Alpha/ Beta and GeLi.	45327	5-3-76

Customer Identification - WRU-0418
Date Collected - 1-1-76
Sample Weight - 720 m^3
Date Control - 5-5-76
Time Control - 0041
Minutes Counted - 100

Isotope	pCi/m^3
K-40	1.4 ± 1.1 E-01
Cs-137	Less than 8.7 E-03
Sb-125	Less than 3.8 E-02
Pb-214	Less than 7.2 E-02
Ra-226	Less than 3.2 E-01
Gross Alpha	0.0 ± 3.8 E-03
Gross Beta	0.0 ± 2.0 E-02

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ATTENTION Andrew Huang

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CITY Pasadena, California 91107

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0379
Date Collected - 12-2-75
Sample Weight -761 m^3
Date Control - 5-5-76
Time Control - 0915
Minutes Counted - 100

Isotope	pCi/m^3
Cs-137	Less than 1.0 E-02
Bi-214	Less than 3.6 E-02
Pb-214	Less than 2.6 E-02
Ra-226	Less than 3.1 E-01
Gross Alpha	1.1 ± 0.6 E-02
Gross Beta	7.1 ± 0.4 E-01

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CUSTOMER Aerovironment, Inc.

ATTENTION Andrew Huang

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ACK. NO. 7366

SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Gross Alpha/Beta and Geli.	45327	5-3-76

Customer Identification - WRU-0382
Date Collected - 12-2-75
Sample Weight - 720 m^3
Date Control - 5-5-76
Time Control - 110
Minutes Counted - 100

Isotope	pCi/m^3
Cs-137	Less than 7.3 E-03
Bi-214	Less than 3.7 E-02
Tl-208	Less than 1.2 E-02
Pb-214	Less than 3.6 E-02
Pb-212	Less than 3.2 E-02
Ra-226	Less than 3.4 E-01
Gross Alpha	0.0 ± 3.8 E-03
Gross Beta	0.0 ± 2.0 E-02

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PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
_____ 1st QC
_____ Entry errors corr'd
_✓_ Calibrated
_____ Final Calibration
_____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	5	23 JAN 76	MISSING-PROBABLY SHAKEN OFF BY WIND AND IS BURIED IN ICE AND SNOW		
"	6	23 JAN 76	22 FEB 76	8.8	FM
"	43	23 JAN 76	22 FEB 76	8.5	FM
2	42	23 JAN 76	22 FEB 76	14.3	FM
"	45	23 JAN 76	22 FEB 76	11.8	FM
"	48	23 JAN 76	22 FEB 76	12.0	FM
3	14	23 JAN 76	22 FEB 76	10.0	FM
"	51	23 JAN 76	22 FEB 76	11.0	FM
"	52	23 JAN 76	22 FEB 76	11.3	FM
4	04	22 JAN 76	21 FEB 76	10.0	FM
"	26	22 JAN 76	21 FEB 76	9.3	FM
"	36	22 JAN 76	21 FEB 76	8.8	FM
5	15	22 JAN 76	21 FEB 76	6.9	FM
"	30	22 JAN 76	21 FEB 76	6.4	FM
"	47	22 JAN 76	21 FEB 76	6.4	FM
6	07	22 JAN 76	21 FEB 76	8.0	FM
"	10	22 JAN 76	21 FEB 76	8.8	FM
"	25	22 JAN 76	21 FEB 76	7.6	FM
7	41	23 JAN 76	22 FEB 76	10.3	FM
"	54	23 JAN 76	22 FEB 76	13.1	FM
"	55	23 JAN 76	22 FEB 76	14.6	FM

PRELIMINARY DATA
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LEVEL OF COMPLETION
- ____ 1st QC
- ____ Entry errors corr'd
- ✓ Calibrated
- ____ Final Calibration
- ____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	20	22 JAN 76	21 FEB 76	6.0	FM
"	23	22 JAN 76	21 FEB 76	5.6	FM
"	50	22 JAN 76	21 FEB 76	6.1	FM
9	39	23 JAN 76	22 FEB 76	10.2	FM
"	53	23 JAN 76	22 FEB 76	12.4	FM
"	56	23 JAN 76	22 FEB 76	12.2	FM
10	1	23 JAN 76	22 FEB 76	10.2	FM
"	11	23 JAN 76	22 FEB 76	9.3	FM
"	37	23 JAN 76	22 FEB 76	10.3	FM
11	24	22 JAN 76	21 FEB 76	9.0	FM
"	31	22 JAN 76	21 FEB 76	10.0	FM
"	46	22 JAN 76	21 FEB 76	9.5	FM
12	9	22 JAN 76	21 FEB 76	7.3	FM
"	12	22 JAN 76	21 FEB 76	7.3	FM
"	32	22 JAN 76	21 FEB 76	7.9	FM

PRELIMINARY DATA
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LEVEL OF COMPLETION
____ 1st QC
____ Entry errors corr'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	26	22-Feb 76	23 MAR 76	9.6	FM
"	32	22 Feb 76	23 MAR 76	9.5	FM
"	36	22 Feb 76	23 MAR 76	9.6	FM
2	12	22 Feb 76	23 MAR 76	10.8	FM
"	31	22 Feb 76	23 MAR 76	12.8	FM
"	46	22 Feb 76	23 MAR 76	12.5	FM
3	04	22 Feb 76	23 MAR 76	9.3	FM
"	25	22 Feb 76	23 MAR 76	9.0	FM
"	30	22 Feb 76	23 MAR 76	9.8	FM
4	18	21 Feb 76	22 MAR 76	11.7	FM
"	29	21 Feb 76	22 MAR 76	11.9	FM
"	35	21 Feb 76	22 MAR 76	11.7	FM
5	19	21 Feb 76	22 MAR 76	8.8	FM
"	28	21 Feb 76	22 MAR 76	8.5	FM
"	49	21 Feb 76	22 MAR 76	8.6	FM
6	02	21 Feb 76	22 MAR 76	11.4	FM
"	03	21 Feb 76	22 MAR 76	10.8	FM
"	38	21 Feb 76	22 MAR 76	9.0	FM
7	10	22 Feb 76	23 MAR 76	11.1	FM
"	24	22 Feb 76	23 MAR 76	10.1	FM
"	50	22 Feb 76	23 MAR 76	11.4	FM

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
______ 1st QC
______ Entry errors corr'd
___✓___ Calibrated
______ Final Calibration
______ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	22	21 Feb 76	22 MAR 76	8.3	FM
″	34	21 Feb 76	22 MAR 76	7.9	FM
″	40	21 Feb 76	22 MAR 76	8.0	FM
9	20	22 Feb 76	23 MAR 76	10.5	FM
″	23	22 Feb 76	23 MAR 76	10.2	FM
″	47	22 Feb 76	23 MAR 76	10.6	FM
10	09	22 Feb 76	23 MAR 76	10.1	FM
″	07	22 Feb 76	23 MAR 76	10.2	FM
″	15	22 Feb 76	23 MA 76	10.9	FM
11	13	21 Feb 76	23 MAR 76	12.4	FM
″	16	21 Feb 76	22 MAR 76	13.1	FM
″	21	21 Feb 76	22 MAR 76	13.1	FM
12	08	21 Feb 76	22 MAR 76	10.2	FM
″	27	21 Feb 76	22 MAR 76	10.6	FM
″	33	21 Feb 76	22 MAR 76	10.4	FM

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
____ 1st QC
____ Entry errors corr'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	02	23 Mar 76	22 APR 76	9.3	Jm
1	03	23 Mar 76	22 APR 76	9.3	Jm
1	38	23 Mar 76	22 APR 76	7.9	Jm
2	19	23 Mar 76	22 APR 76	14.5	Jm
2	28	23 Mar 76	22 APR 76	12.5	Jm
2	49	23 Mar 76	22 APR 76	12.2	Jm
3	16	23 Mar 76	22 APR 76	9.3	Jm
3	22	23 Mar 76	22 APR 76	9.0	Jm
3	34	23 Mar 76	22 APR 76	8.8	Jm
4	41	22 Mar 76	21 APR 76	9.2	Jm
4	48	22 Mar 76	21 APR 76	9.3	Jm
4	51	22 Mar 76	21 APR 76	11.7	Jm
5	01	22 Mar 76	21 APR 76	6.4	Jm
5	06	22 Mar 76	21 APR 76	6.4	Jm
5	54	22 Mar 76	21 APR 76	8.0	Jm
6	11	22 Mar 76	21 APR 76	IM	Jm
6	14	22 Mar 76	21 APR 76	8.5	Jm
6	53	22 Mar 76	21 APR 76	10.5	Jm.
7	08	23 Mar 76	22 APR 76	10.8	Jm
7	13	23 Mar 76	22 APR 76	10.2	Jm
7	33	23 Mar 76	22 APR 76	10.9	Jm.

PRELIMINARY DATA
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LEVEL OF COMPLETION

____ 1st QC
____ Entry errors corr'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	43	22 Mar 76	21 APR 76	5.8	Jm
8	52	22 Mar 76	21 APR 76	7.9	Jm
8	55	22 Mar 76	21 APR 76	8.2	Jm
9	18	23 Mar 76	22 APR 76	9.9	Jm
9	29	23 Mar 76	22 APR 76	9.9	Jm
9	35	23 Mar 76	22 APR 76	10.2	Jm
10	21	23 Mar 76	22 APR 76	10.3	Jm
10	27	23 Mar 76	22 APR 76	10.6	Jm
10	40	23 Mar 76	22 APR 76	9.6	Jm
11	17	22 Mar 76	21 APR 76	10.8	Jm
11	37	22 Mar 76	21 APR 76	11.1	Jm
11	39	22 Mar 76	21 APR 76	10.6	Jm.
12	42	22 Mar 76	21 APR 76	8.8	Jm
12	45	22 Mar 76	21 APR 76	7.6	Jm
12	56	22 Mar 76	21 APR 76	10.9	Jm

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
____ 1st QC
____ Entry errors corr'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	11	22 APR 76	22 MAY 76	8.17	Fm
"	14	22 APR 76	22 MAY 76	9.76	Fm
"	37	22 APR 76	22 MAY 76	12.13	Fm
2	17	22 APR 76	22 MAY 76	13.1	Fm
"	39	22 APR 76	22 MAY 76	13.1	Fm
"	51	22 APR 76	22 MAY 76	14.55	Fm
3	6	22 APR 76	23 MAY 76	7.88	Fm
"	43	22 APR 76	23 MAY 76	7.59	Fm
"	55	22 APR 76	23 MAY 76	10.63	Fm
4	09	21 APR 76	22 MAY 76	12.52	Fm
"	20	21 APR 76	22 MAY 76	13.1	Fm
"	36	21 APR 76	22 MAY 76	13.1	Fm
5	10	21 APR 76	23 MAY 76	8.17	Fm
"	32	21 APR 76	23 MAY 76	8.46	Fm
"	47	21 APR 76	23 MAY 76	7.73	Fm
6	04	21 APR 76	21 MAY 76	12.23	Fm
"	25	21 APR 76	21 MAY 76	10.63	Fm
"	50	21 APR 76	21 MAY 76	11.50	Fm
7	42	22 APR 76	23 MAY 76	10.2	Fm
"	45	22 APR 76	23 MAY 76	9.47	Fm
"	52	22 APR 76	23 MAY 76	12.52	Fm

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
____ 1st QC
____ Entry errors corr'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	07	21 APR 76	21 MAY 76	8.46	FM
"	30	21 APR 76	21 MAY 76	9.04	FM
"	46	21 APR76	21 MAY 76	8.75	FM
9	41	22 APR76	22 MAY 76	9.62	FM
"	48	22 APR76	22 MAY 76	9.91	FM
"	53	22 APR76	22 MAY 76	12.52	FM
10	1	22 APR76	23 MAY 76	9.33	FM
"	56	22 APR76	23 MAY 76	11.36	FM
"	54	22 APR76	23 MAY 76	11.79	FM
11	15	21 APR76	21 MAY 76	16.0	FM
"	23	21 APR76	21 MAY 76	16.0	FM
"	31	21 APR76	21 MAY 76	14.55	FM
12	12	21 APR76	21 MAY 76	10.78	FM
"	24	21 APR76	21 MAY 76	10.63	FM
"	26	21 APR76	21 MAY 76	12.23	FM

WHITE RIVER SHALE PROJECT, UTAH

Suspended particulate Wt.

(μ gm/M^3)

DATE	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8
2-24-76	6.6	9.2	8.4	8.0	14.5	4.2	11.2	13.3
3-1-76	13.9	60.2	39.5	63.8	22.4	38.9	77.7	59.0
3-7-76	9.3	9.9	8.4	10.0	25.1	9.0	12.5	17.2
3-13-76	4.6	7.9	5.8	7.3	10.6	6.9	8.6	9.9
3-19-76	26.4	22.3	14.3	23.9	35.0	20.8	27.6	24.5
3-25-76	25.1	not weighed	14.3	21.9	30.4	13.9	23.7	21.3
3-31-76	14.5	13.8	12.3	23.1	31.7	19.4	17.8	27.8
4-6-76	12.6	10.5	9.1	12.7	18.5	22.2	14.5	16.2
4-12-76	38.3	34.2	27.9	50.5	75.2	36.1	35.5	59.5
4-18-76	9.9	9.2	5.2	9.3	9.2	4.9	7.9	10.9
4-24-76	9.9	9.9	7.1	13.3	26.4	14.6	8.6	17.2
4-30-76	12.6	13.1	4.5	15.3	22.4	13.2	9.2	22.3
5-6-76	N/R	N/R	4.5	12.0	N/R	11.8	6.6	N/R
5-12-76	N/R	N/R	11.6	15.8	N/R	31.9	13.2	N/R
5-18-76	N/R	N/R	23.9	27.9	N/R	45.1	25.7	N/R
5-24-76	N/R	N/R	13.6	16.6	N/R	20.1	13.8	N/R

IM = Instrument Malfunction

N/R = NO DATA COLLECTION ATTEMPTED
(Not in the regular cycle)

Form 1279—3
(June 1984)

BORROWER'S

TN 859 .U82 W418 n

Quarterly report:
Environmental Bas

DATE LOANED	BORROWER

USDI – BLM